

**SAFETY DATA SHEET**

FOAMING LUXURY HAND SOAP DYE & FRAGRANCE FREE

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

Product Name : FOAMING LUXURY HAND SOAP DYE & FRAGRANCE FREE

Product Codes : 68609, 68624, 68631, 68641

Recommended use : General purpose hand soap

Product dilution information : Product is sold ready to use.

Company : Kutol Products Company  
100 Partnership Way  
Sharonville, Ohio 45241-1571  
1-800-543-4641

Chemtrec Phone : 1-800-424-9300

Issuing date : 1/23/2015

**SECTION 2 – HAZARD(S) IDENTIFICATION**

**GHS Classification** : Category 2B  
Eye irritation

**GHS Label Element** :  
Hazards pictograms



Signal Word : Warning

Hazard Statements : **Response:**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other Hazards : None known.

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Concentration (%)</u>
AMMONIUM LAURYL SULFATE- 30 %	68585-34-2	0 - 5
SODIUM LAURETH SULFATE- 60 %	9004-82-4	0 – 5
POLYQUATERNIUM-7	Mixture	0 - 5
DISODIUM COCAMIDO MIPA-SULFOSUCCINATE	68140-00-1	0 - 5
DMDM HYDANTOIN	6440-58-0	0 – 5
GLYCERIN	56-81-5	0 - 5

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#### SECTION 4 – FIRST AID MEASURES

- In case of eye contact : Flush eyes under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, seek medical/advice attention.
- In case of skin contact : If irritation persists, wash with water.
- If ingested : Contact a physician or Poison Control Center immediately. Do not induce vomiting never give anything by mouth to an unconscious person.
- If inhaled : Get medical attention if symptoms occur.
- Protection of first-aiders : No special precautions are necessary.
- Notes to physicians : Treat symptomatically.

#### SECTION 5 – FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : None known.
- Specific hazards during firefighting : No flammable or combustible.
- Hazardous combustions products : Carbon oxides
- Special protective equipment for fire-fighters : Use personal protective equipment.
- Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Personal precautions : No special measures required.
- Environmental precautions : Avoid contact of large amounts of spilled material runoff with soil and surface waterways.
- Methods of cleaning up : Absorb with inert material. Use a water rinse for final clean-up.

#### SECTION 7 – HANDLING AND STORAGE

- Handling : Wash hands after handling.
- Storage : Keep out of reach of children. Keep container tightly closed.  
Store between 32 to 122 degrees F.

#### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures : Good general ventilation should be sufficient to control workers exposure to airborne contamination.
- Personal protection
- Eyes : Eye protection should be used when splashing may occur.
- Hands : No protective equipment is needed under normal use.
- Skin : No protective equipment is needed under normal use.
- Respiratory : No protective equipment is needed under normal use.

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#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Water, thin pale yellow liquid	Upper/lower flammability limits: N/A
Odor: Bland, fragrance free	Vapor pressure: N/A
Odor Threshold: No data available	Vapor density: N/A
ph: 6.5 typical	Relative density: No data available.
Melting point/freezing point: N/A	Solubility (ies): No data available.
Initial boiling and boiling range: N/A	Partition coefficient: n-octanol/water: No data available.
Flash point: N/A	Auto ignition temperature: N/A
Evaporation rate: <1	Decomposition temperature: No data available.
Flammability (solid, gas): No data available	Viscosity: N/A

#### SECTION 10 – STABILITY AND REACTIVITY

Stability	: The product is stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction is known under conditions of normal use.
Conditions to avoid	: None known.
Incompatible materials	: None known.
Hazardous decomposition products	: Carbon oxides

#### SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routines of exposure : Inhalation, eye contact, skin contact.

##### Potential Health Effects

Eyes	: Cause of irritation.
Skin	: Health injuries are not known or expected under normal use.
Ingestion	: Health injuries are not known or expected under normal use.
Inhalation	: Health injuries are not known or expected under normal use.
Chronic exposure	: Health injuries are not known or expected under normal use.

##### Experience with Human Exposure

Eye contact	: Redness, irritation.
Skin contact	: No symptoms known or expected.
Ingestion	: No symptoms known or expected.
Inhalation	: No symptoms known or expected.

##### Toxicity

Acute oral toxicity	: Acute toxicity estimate: >5,000 mg/kg
Acute inhalation toxicity	: No data available
Acute dermal toxicity	: Acute toxicity estimate: >5,000 mg/kg
Skin corrosion/irritation	: No data available
Serious eye damage/eye irritation	: Mild eye irritation.
Respiratory or skin sensitization	: No data available.

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**Carcinogenicity**

- IARC : No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
- OSHA : No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP : No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**SECTION 12 – ECOLOGICAL INFORMATION**

- Ecological Tests : Data is not available.
- Environmental Impact : The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

- Disposal methods : The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
- Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

**SECTION 14 – TRANSPORT INFORMATION**

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. The shipper / consignor / sender are responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Shipment	Identification Number	Proper Shipping Name	Hazardous Classification	Packaging Group
US DOT	Not dangerous goods	N/A	N/A	None
IATA (Air)	Not dangerous goods	N/A	N/A	None
IMDG (Vessel)	Not dangerous goods	N/A	N/A	None

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**SECTION 15 – REGULATORY INFORMATION**

**U.S. Federal regulations**

- TSCA (Toxic Substances Control Act):** : All ingredients in this product are either listed, or exempt from listing, on the TSCA Inventory.
- CERCLA (Comprehensive Response Compensation, and Liability Act)** : Not Determined
- SARA Title III (Superfund Amendments and Reauthorization Act)** : None
- SARA 313 Reportable Ingredients** : None.

**SECTION 16 - OTHER INFORMATION**

**NFPA 704:**



**HMIS III:**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>

- Issuing date : 1/23/2015
- Version : 1.0
- Prepared by : Regulatory Compliance

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.


**SECTION 1: Identification**

<b>Product Name</b>	Product Central 102 Glass Cleaner	<b>Item Code</b>	PC102/PC102EZ
<b>Recommended Use</b>	Cleaner for glass, mirror, screens, and other hard surfaces.		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	

**SECTION 2: Hazard(s) identification**

This product does not contain hazardous ingredients as defined in OSHA 29 CFR 1910.1200	<b>Hazards not otherwise classified or not covered by GHS</b>
	None

**SECTION 3: Composition/Information on Ingredients**

No chemicals in this product are subject to the regulatory regulations of SARA 302, SARA 311/312, SARA 313, and California Proposition 65.

**SECTION 4: First Aid Measures**

**If medical advice is needed, have product container or label at hand.**

<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink 16 ounces of water. Call 911 or emergency medical service.
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water/shower. If irritation occurs, get medical advice.
	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call 911 or emergency medical services if breathing becomes labored.
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if easy to do. Continue rinsing.
<b>Most important symptoms/effects, acute and delayed.</b>	Acute exposure may cause skin irritation or eye irritation.
<b>Immediate medical attention and special treatment, if necessary</b>	Move victim to fresh air. Immediately call poison center, 911 or medical services.

**SECTION 5: Fire-fighting Measures**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray
<b>Specific hazards arising from the chemical</b>	None. Move containers from fire area, if you can without risk
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.
<b>Emergency Response Guide Number</b>	Not applicable

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Nitrile gloves and safety eyewear recommended for large spills.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.
<b>Methods and materials for containment and cleaning up.</b>	Stop leak if you can without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed, professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Avoid cross contamination. Do not eat, drink or smoke in areas where this material is used. After handling, wash hands thoroughly with soap and water. Use with adequate ventilation/ personal protection.
<b>Conditions for safe storage, including any incompatibilities.</b>	Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers out of the reach of children.

**SECTION 8: Exposure Controls/Personal Protection**

<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday.
<b>Appropriate engineering controls</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) cartridges in respirator.
<b>Individual protection measures</b>	Protective gloves and eyewear are recommended but not required when used as directed.

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Blue transparent liquid	<b>Specific Gravity</b>	1.01-1.02
<b>Odor</b>	Lavender fragrance added	<b>Boiling Point</b>	Ca 212°F
<b>Odor threshold</b>	No data available	<b>Solubility in Water</b>	Complete
<b>pH at concentrate</b>	12-13	<b>Evaporation Rate</b>	Similar to water
<b>pH at use dilution</b>	10.5-11.5	<b>Volatile Organic Compound</b>	0%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	Acids and strong oxidizers
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA

<b>Additional Information</b>	None available on this product.
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**SECTION 12: Ecological Information**

No data is available on this product.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

Not US DOT regulated for ground transport

**SECTION 15: Regulatory Information**

This material does not contain any components subject to the reporting requirements of SARA Title III, Section 313.  
This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.  
This material does not contain any components subject to SARA 311/312.

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org.

**SECTION 16: Other Information**

Revision prepared 01/26/2017 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only. Previous version dated 10/05/2016.

**DISCLAIMER:** Whereas the use and handling of this product is not within the control of M.D. Stetson Company, Inc., it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. M.D. Stetson Company, Inc. accepts no liability for damages or loss incurred from the misuse and mishandling of this product.






**SECTION 1: Identification**

<b>Product Name</b>	Product Central 103 Disinfectant 256	<b>Item Code</b>	PC103/PC103EZ
<b>Recommended Use</b>	Hard surface disinfectant		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	

**SECTION 2: Hazard(s) identification**

 DANGER	<b>Hazards not otherwise classified or not covered by GHS</b>
	Right to know chemicals. Acute and Chronic Health Hazards

Hazard Statement	Hazard Class (GHS Chapter)	Category
Causes severe skin burns and eye damage	Skin corrosion/irritation (3.2)	1
Flammable liquid and vapor	Flammable Liquids (2.6)	3
Harmful if swallowed or in contact with skin	Acute Toxicity, oral (3.1), Acute Toxicity Dermal (3.1)	4

**Precautionary Statement**

Keep away from heat, hot surfaces, sparks, open flames and ignition sources. No smoking  
Do not directly breathe dusts or mists.  
Wash face, hands and exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective nitrile gloves, protective clothing and safety eyewear.  
If swallowed, rinse mouth. Do not induce vomiting. Call a poison center or medical professional if you feel unwell.  
If on skin, remove contaminated clothing immediately. Rinse skin with water or shower.  
Wash contaminated clothing before reuse.  
If inhaled, remove person to fresh air and keep comfortable for breathing,  
If in eyes, rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.  
Avoid release to the environment. Collect spillage.  
Keep container tightly closed. Store in a well-ventilated place.  
Dispose of contents/container in accordance with local/state/federal and international regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.  
In case of fire, use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**SECTION 3: Composition/Information on Ingredients**

Chemical identity	Common name, synonyms, etc.	CAS #	%
Alkyl dimethyl benzyl ammonium chloride	Quaternary ammonium compounds, di -C <sub>8</sub> -C <sub>10</sub> -alkyldimethyl, chlorides.	68424-95-3	10-15
Alkyl dimethyl benzyl ammonium chloride	Quaternary ammonium compounds, benzyl-C <sub>12</sub> -C <sub>16</sub> -alkyldimethyl chlorides	68424-85-1	5-10
Ethanol	Ethyl alcohol,	64-17-5	1-5

**SECTION 4: First Aid Measures**

**If medical advice is needed, have product container or label at hand.**

**Necessary measures for routes of exposure**

IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth. DO NOT induce vomiting. Call poison center, 911 or emergency medical service. Never give anything by mouth to an unconscious person.

IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If irritation occurs get medical attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

**Most important symptoms/effects, acute and delayed.**

Acute exposure may cause skin or eye irritation.

**Immediate medical attention and special treatment, if necessary**

Do not breathe dusts or mists. Move victim to fresh air. Immediately call poison center, 911 or medical aid.

**SECTION 5: Fire-fighting Measures****Suitable extinguishing media.**

Dry chemical, CO<sub>2</sub>, alcohol resistant foam or water spray

**Specific hazards arising from the chemical**

Corrosive to skin and may cause eye damage. Do not touch or walk through spilled area. Water spray may reduce vapor, but may not prevent ignition in closed spaces. Do not breathe mist of vapor.

**Special protective equipment and precautions for fire-fighters.**

Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.

**Emergency Response Guide Number**

153

**SECTION 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures.**

Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are required. Remove sources of ignition. Do not breathe mist or vapor. Evacuate personnel to safe areas.

**Environmental precautions.**

Prevent entry into waterways, sewers, basements or confined areas. Collect spillage. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up.**

Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Do not eat, drink or smoke in areas where this material is used. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. After handling, always wash hands thoroughly with soap and water. Wear protective nitrile gloves, protective clothing, and eye/face protection. Use only with adequate ventilation/personal protection.
<b>Conditions for safe storage, including any incompatibilities.</b>	Keep away from ignition sources, heat, hot surfaces, sparks, and open flames. No smoking. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers.

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS #	Type	Value	Basis
Ethanol	64-17-5	TWA	1ppm	ACGIH
		REL	1ppm, 2mg/m <sup>3</sup>	NIOSH
		STEL	1,000 ppm	ACGIH
<b>Control parameters</b>	Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Collect spillage.			
<b>Appropriate engineering controls</b>	Respiratory equipment is required where risk assessment shows air-purifying respirators are appropriate. Use a full-face respirator with multi-purpose combination or type ABEK respirator cartridges as a backup to engineering controls. Provide local ventilation.			
<b>Individual protection measures</b>	Handle with nitrile gloves which have been inspected prior to use. Wear tightly fitted safety goggles or face shield. Long term exposure could irritate skin and eyes.			

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Green transparent liquid	<b>Specific Gravity</b>	0.99-1.05 g/ml
<b>Odor</b>	Floral	<b>Flash Point/Boiling Point</b>	NA/212°F
<b>Volatile Organic Compound</b>	2-3%	<b>Solubility in Water</b>	Complete
<b>pH Concentrate/ As used</b>	12-13 / 8-9	<b>Evaporation Rate</b>	Similar to water

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Heat, flames and ignition sources.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	<u>N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride CAS 68424-85-1</u> Acute Oral Toxicity LD50- Rat- 344mg/kg. Acute Dermal Toxicity LD50- Rabbit- 3340 mg.kg, Skin irritation rabbit – Corrosive DOT method

**SECTION 12: Ecological Information**

No data available on mixture.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

**DOT Packaging Exception 173.150, b,2,d,  
Limited Quantities not over 1.3 gals (Inner packaging not over 1.3 gals)  
If shipped by aircraft, rail or vessel see 49 CFR 172.101 Hazardous Materials Table**

<b>DOT Number</b>	UN1903	<b>Packaging Group</b>	III	<b>Hazard Class</b>	8	<b>Placard</b>	Corrosive 8
<b>Shipping Name</b>	Disinfectants Liquid, Corrosive n.o.s. (Quaternary Ammonium compound)						
Special Provisions for Bulk Transport (>119 gals container for liquids) Corrosive 8 Placard							

**SECTION 15: Regulatory Information**

This product is an US EPA registered product , EPA Registration No 6836-78-1674  
This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.  
This material does not contain any components subject to the reporting levels established by SARA Title III, Section 313  
This product is a SARA 311/311 Hazardous chemical, Acute Health Hazard, Fire Hazard

Ethanol CAS 64-17-5 is a MA, PA and NJ Right to Know Chemical.

California Prop. 65: This product does contain a chemical know to the State of California to cause cancer. This product contains a chemical know to the state of California to cause birth defects or other reproductive harm. Ethanol CAS 64-17-5

**SECTION 16: Other Information**



Revision prepared 06/21/2017 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.  
Previous version dated 10/11/2016



**SECTION 1: Identification**

<b>Product Name</b>	105 Sanitizer	<b>Product Code</b>	Product Central	PC105
			Stetson/Stetco	PC1051/PC1055/PC105INS
<b>Recommended Use</b>	Hard surface sanitizer			
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>		
		INFOTRAC: 1-800-535-5053		

**SECTION 2: Hazard(s) identification**

DANGER  	<b>Hazards not otherwise classified or not covered by GHS</b>	
	Right to know chemicals. Acute and chronic health hazards	
<b>Hazard Statement</b>	<b>Hazard Class (GHS Chapter)</b>	<b>Hazard Category</b>
Causes severe skin burns and eye damage	Skin corrosion/irritation (3.2)	1
Harmful if swallowed or in contact with skin	Acute Toxicity oral ( 3.1) Acute toxicity dermal (3.1)	4

**Precautionary Statement**

Do not breathe mists.  
Wash face and hands and exposed skin thoroughly after handling.  
Do not eat , drink or smoke when using this product.  
Wear protective nitrile gloves, protective clothing and safety eyewear.  
If swallowed, rinse mouth. DO NOT induce vomiting. Call a poison center/medical professional if you feel unwell.  
If in contact with skin, remove contaminated clothing immediately and wash before reuse. Rinse skin thoroughly with water or shower.  
If inhaled, remove person to fresh air and keep comfortable for breathing.  
If in contact with eyes, rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.  
Avoid release to the environment. Collect spillage.  
Dispose of contents/container in accordance with local/state/federal and international regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

**SECTION 3: Composition/Information on Ingredients**

Chemical identity	Common name, synonyms, etc.	CAS #	%
Quaternary ammonium compounds, di-C <sub>8</sub> -C <sub>10</sub> -alkyldimethyl, chlorides		68424-95-3	4.00 - 8.00
Quaternary ammonium compounds, benzyl-C <sub>12</sub> -C <sub>16</sub> -alkyldimethyl, chlorides		68424-85-1	3.00 - 5.00
Ethanol	Ethyl alcohol	64-17-5	0.50 - 3.00

**SECTION 4: First Aid Measures**

If medical advice is needed, have product container or label at hand.

<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting without medical advice. Call Poison Center, 911 or emergency medical professional.
	IF ON SKIN: Rinse affected areas with plenty of soap and water or shower. Remove contaminated clothing and wash before reuse. If irritation occurs get medical advice/attention.
	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.
<b>Most important symptoms/effects, acute and delayed.</b>	Acute exposure may cause skin or eye irritation.
<b>Immediate medical attention and special treatment, if necessary</b>	Do not breathe mists. Move victim to fresh air. Immediately call poison center, 911 or medical aid.

**SECTION 5: Fire-fighting Measures**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray
<b>Specific hazards arising from the chemical</b>	Heating or fire can release toxic gas.
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear chemical-protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection. In the event of fire, wear positive pressure self-contained breathing apparatus (SCBA).
<b>Emergency Response Guide Number</b>	154

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Use respirator when performing operations involving potential exposure to vapor of the product.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage with non-combustible absorbent material.
<b>Methods and materials for containment and cleaning up.</b>	Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Do not eat, drink or smoke in areas where this material is used. Avoid contact with skin and eyes. Avoid inhalation of mist. After handling, always wash hands thoroughly with soap and water. Wear protective nitrile gloves and safety eye glasses. Use only with adequate ventilation/personal protection.
<b>Conditions for safe storage, including any incompatibilities.</b>	Keep away from ignition sources, heat, hot surfaces, sparks, and open flames. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers.

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS No.	Value	Exposure	Basis
Ethanol	64-17-5	TWA	1,000 ppm	ACGIH
		REL	1,000ppm, 1,900 mg/m3	NIOSH
		STEL	1,000 ppm	ACGIH
<b>Control parameters</b>	Avoid skin contact with this product. Avoid eye contact. Long term exposure could irritate skin and eyes. Collect spillage.			
<b>Appropriate engineering controls</b>	Respiratory equipment is required where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination or type ABEK respirator cartridges as a backup to engineering controls. Provide local ventilation.			
<b>Individual protection measures</b>	Wear tightly fitted safety goggles or face shield. Handle with nitrile gloves which have been inspected prior to use.			

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Clear liquid	<b>Specific Gravity</b>	0.99-1.03 g/ml
<b>Odor</b>	Very slight alcohol odor	<b>Flash Point/ boiling point</b>	NA/212°F
<b>VOC Concentrate/As used</b>	<0.8%/<0.01%	<b>Solubility in Water</b>	Complete
<b>pH Concentrate/ As used</b>	6.0 - 9.0/6.0 - 8.0	<b>Evaporation Rate</b>	Similar to water

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Heat, flames and ignition sources.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	Human carcinogen – Ethanol CAS 64-17-5
<b>ACGIH</b>	Confirmed animal carcinogen with unknown relevance to humans – Ethanol CAS 64-17-5
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA



**SECTION 11: Toxicological Information (continued)**

<b>Additional Information</b>	Quaternary ammonium compounds, benzyl-C <sub>12</sub> -C <sub>16</sub> -alkyldimethyl, chlorides CAS68424-85-1 Acute oral toxicity (LD50) ca 344 mg/kg Species Rat Acute Dermal Toxicity (LD50) ca 3,340 mg/kg Species Rabbit exposure 24 hrs. Corrosive to Eyes, DOT method, species Rabbit Skin Corrosive Species Rabbit exposure 24 hrs. Respiratory Sensitizer Buehler Test, Guinea Pig Negative Genotoxicity in vitro using Ames Test
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**SECTION 12: Ecological Information**

No data available.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Triple rinse containers and offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

**DOT Packaging Exception 173.150, b,2,d,  
 Limited Quantities not over 1.3 gals (Inner packaging not over 1.3 gals)  
 If shipped by aircraft, rail or vessel see 49 CFR 172.101 Hazardous Materials Table**

<b>DOT Number</b>	UN1760	<b>Packaging Group</b>	III	<b>Hazard Class</b>	8
<b>Shipping Name</b>	Corrosive Liquid, n.o.s. (Quaternary Ammonium Compound)		<b>Placard</b>	Corrosive 8	

Special Provisions for Bulk Transport (>119 gals. container for liquids) Corrosive 8 Placard

**SECTION 15: Regulatory Information**

This product is an US EPA registered product, EPA Registration No. 6836-266-1674  
 This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.  
 This material does not contain any components subject to the reporting levels established by SARA Title III, Section 313  
 This product is a SARA 311/312 Hazardous chemical, Acute Health Hazard, Fire Hazard

Ethanol CAS 64-17-5 is a MA, PA and NJ Right to Know chemical.

California Prop. 65: WARNING. This product does contain a chemical know to the State of California to cause cancer. This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

**SECTION 16: Other Information**


Revision prepared 07/06/2018 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.  
 Previous version dated 01/02/2018.




**SECTION 1: Identification**

<b>Product Name</b>	PC107 EP Heavy Duty Degreaser	<b>Item Code</b>	PC107/PC107EZ
<b>Recommended Use</b>	All-purpose degreasing concentrate.		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	

**SECTION 2: Hazard(s) identification**

WARNING 	Hazards not otherwise classified or not covered by GHS		
	None		
<b>Hazard Statements</b>	<b>Hazard Class (GHS Chapter)</b>	<b>Category</b>	
Harmful if swallowed, inhaled, or in contact with skin.	Acute Toxicity oral, dermal and inhalation (3.1)	4	
Causes skin irritation.	Skin corrosion/irritation (3.2)	2	
May cause long lasting harmful effects to aquatic life.	Hazardous to the aquatic environment, long-term (4.1)	4	

**Precautionary Statements**

Keep out of the reach of children.  
 Do not eat, drink or smoke when using this product.  
 If swallowed, rinse mouth. Call poison center/doctor/medical personnel if you feel unwell.  
 Wear protective gloves.  
 Wash skin/clothing thoroughly after handling.  
 If on skin, wash with plenty of water and soap. Rinse with plenty of water.  
 If skin irritation occurs, get medical advice/attention.  
 Remove contaminated clothing and wash before reuse.  
 Avoid release to the environment.

*This product, when diluted through the Product Central automated dispensing system in accordance with the manufacturer's instructions, is considered non-hazardous as defined in OSHA 29 CFR 1910.1200 at end use dilutions.*

**SECTION 3: Composition/Information on Ingredients**

Chemical identity	Common name, synonyms, etc.	CAS #	%
Ethanolamine	MEA,2-aminoethanol, ETA, monoethanolamine, 2-Aminoethyl alcohol	141-43-5	1-3
Benzyl Alcohol	Benzenemethanol	100-51-6	3-5

**SECTION 4: First Aid Measures**

**If medical advice is needed, have product container or label at hand.**

<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting. Call poison center, 911 or emergency medical service.
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If skin irritation occurs, get medical advice/attention.
	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if easy to do. Continue rinsing.

<b>Most important symptoms/effects, acute and delayed.</b>	Acute exposure may cause skin burns/irritation or eye irritation.
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<b>Immediate medical attention and special treatment, if necessary</b>	Move victim to fresh air. Immediately call poison center, 911 or medical aid.
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**SECTION 5: Fire-fighting Measures**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray
<b>Specific hazards arising from the chemical</b>	None.
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.
<b>Emergency Response Guide Number</b>	Not applicable

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are recommended.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.
<b>Methods and materials for containment and cleaning up.</b>	Stop leak if you can without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Keep out of the reach of children. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Wear protective eyewear and nitrile gloves.
<b>Conditions for safe storage, including any incompatibilities.</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers. Use within 1 year

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS #	Type	Value	Basis
Ethanolamine	141-43-5	TWA	3ppm	USA, ACGIH Threshold Limit Values,(TLV)
		STEL	6ppm	USA, ACGIH Threshold Limit Values,(TLV)
		TWA	3ppm (8mg/m3)	USA OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
		STEL	6ppm (15mg/m3)	USA OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
		TWA	3ppm (8mg/m3)	USA, NIOSH Recommended Exposure Limits
		ST	6ppm (15mg/m3)	USA, NIOSH Recommended Exposure Limits

**Remarks:** Skin & eye irritation

Benzyl Alcohol	100-51-6	TWA	10ppm	USA Workplace Environmental Exposure Levels (WEEL)
<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Long term exposure could irritate skin and eyes. Collect spillage.			
<b>Appropriate engineering controls</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.			
<b>Individual protection measures</b>	Avoid eye and skin contact with this product. Protective eyewear, clothing and nitrile gloves are required. Gloves should be inspected prior to use.			

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Green transparent liquid	<b>Boiling Point</b>	Ca 212°F
<b>Odor</b>	Citrus fragrance added	<b>Solubility in Water</b>	Complete
<b>Specific Gravity</b>	0.94-0.96	<b>Evaporation Rate</b>	Slower than water
<b>pH at concentrate</b>	8.8.-9.6	<b>VOC at concentrate</b>	<3.80%
<b>pH at use dilution</b>	8.0-9.0	<b>VOC at use dilution</b>	<0.06%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Avoid heat.
<b>Incompatible materials</b>	Poly vinyl chloride plastic, Mylar
<b>Hazardous decomposition products</b>	Mixture may release ammonia when heated.

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	Benzyl alcohol RTECS: DN3150000, Central nervous system depression. Liver - Irregularities - Based on Human Evidence Ethanalamine RTECS: KJ5775000, Liver-Irregularities- Based on Human Evidence

**SECTION 12: Ecological Information**

Ethanalamine is toxic to aquatic life. Benzyl alcohol is toxic to aquatic life. No data is available on the mixture.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local, state, and federal regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

Not U.S. DOT regulated for ground transport

**SECTION 15: Regulatory Information**

This mixture does not contain any materials subject to the reporting requirements of SARA Title III, Section 302, SARA title II, Section 304 or SARA Title III, Section 313.

Ethanalamine is a Fire Hazard, Acute Health Hazard, and Chronic Health Hazard per SARA 311/312. Benzyl Alcohol is an Acute Health Hazard, Chronic Health Hazard per SARA 311/312. Mixture has not been tested.

Ethanalamine CAS 141-43-5 and Benzyl Alcohol CAS100-51-6 are NJ, PA, MA Right-to-Know chemicals

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.



This product meets Green Seal™ Standard GS-34 based on effective performance and protective limits on: VOCs, ozone depleting chemicals, and human & environmental toxicity. GreenSeal.org.

**SECTION 16: Other Information**

Revision prepared 12/29/2017 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only. Previous version dated 02/15/2017.



<b>SECTION 1: Identification</b>			
<b>Product Name</b>	Product Central 117 WinterClean 365	<b>Item Code</b>	PC117/PC117EZ
<b>Recommended Use</b>	Concentrated neutral cleaner and stripper neutralizer		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	
<b>SECTION 2: Hazard(s) identification</b>			
<b>This product does not contain hazardous ingredients as defined in OSHA 29 CFR 1910.1200</b>		<b>Hazards not otherwise classified or not covered by GHS</b>	
		None	
<b>SECTION 3: Composition/Information on Ingredients</b>			
No chemicals in this product are subject to the regulatory regulations of SARA 302, SARA 311/312, SARA 313, and California Proposition 65.			
<b>SECTION 4: First Aid Measures</b>			
<b>If medical advice is needed, have product container or label at hand.</b>			
<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink 16 ounces of water. Call 911 or emergency medical professional.		
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water/shower. If irritation occurs get medical attention.		
	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call 911 or emergency medical professional if breathing becomes labored.		
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.		
<b>Most important symptoms/effects, acute and delayed.</b>		Acute exposure may cause skin irritation or eye irritation.	
<b>Immediate medical attention and special treatment, if necessary</b>		Move victim to fresh air. Call 911 or medical services.	
<b>SECTION 5: Fire-fighting Measures</b>			
<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray		
<b>Specific hazards arising from the chemical</b>	None. Move containers from area, if you can without risk		
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.		
<b>Emergency Response Guide Number</b>	Not applicable		

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Chemically protective gloves and safety eyewear are recommended for large spills.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.
<b>Methods and materials for containment and cleaning up.</b>	Stop leak if you can without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Avoid cross-contamination. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation/personal protection.
<b>Conditions for safe storage, including any incompatibilities.</b>	Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials, Keep containers tightly closed and properly labeled.

**SECTION 8: Exposure Controls/Personal Protection**

<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday.
<b>Appropriate engineering controls</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.
<b>Individual protection measures</b>	Protective gloves and eyewear are recommended but not required when used as directed.

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Blue transparent liquid	<b>Specific Gravity</b>	1.05-1.08
<b>Odor</b>	Mint fragrance added	<b>Boiling Point</b>	Ca 212°F
<b>Odor threshold</b>	No data available	<b>Solubility in Water</b>	Complete
<b>pH at concentrate</b>	11-12	<b>Evaporation Rate</b>	Similar to Water
<b>pH at use dilution</b>	8.5-9.5	<b>Volatile Organic Compound</b>	0%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	Acids and strong oxidizers
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	None available on this product.

**SECTION 12: Ecological Information**

No data is available on this product.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material .Once rinsed, contaminate packaging can be recycled.

**SECTION 14: Transport Information**

Not US DOT regulated for ground transport.

**SECTION 15: Regulatory Information**

This material does not contain any components subject to the reporting requirements of SARA Title III, Section 313.  
 This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.  
 This material does not contain any components subject to the reporting requirements of SARA Title III, Section 304.  
 This material does not contain any components subject to SARA 311/312.


California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16: Other Information**

Revision prepared 12/08/2016 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.  
 Previous Version Dated 02/02/2015

**DISCLAIMER:** Whereas the use and handling of this product is not within the control of M.D. Stetson Company, Inc., it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. M.D. Stetson Company, Inc. accepts no liability for damages or loss incurred from the misuse and mishandling of this product.



SECTION 1: Identification			
<b>Product Name</b>	PC118 EPS (Environmentally Preferable Stripper)	<b>Item Code</b>	PC118
<b>Recommended Use</b>	Concentrated floor finish stripper		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	
SECTION 2: Hazard(s) identification			
<b>WARNING</b>		<b>Hazards not otherwise classified or not covered by GHS</b>	
		None	
<b>Hazard Statement</b>	<b>Hazard Class (GHS Chapter)</b>		<b>Hazard Category</b>
Harmful if swallowed, in contact with skin or if inhaled	Acute toxicity oral, dermal and inhalation (3.1)		Category 4
Causes skin irritation.	Skin corrosion/irritation (3.2)		Category 2
May cause long lasting harmful effects to aquatic life.	Hazardous to the aquatic environment, long-term (4.1)		Category 4
Precautionary Statement			
Wash skin/clothing thoroughly after handling. Do not eat, drink or smoke when using this product. If not used as intended, avoid product release to the environment. If swallowed and feeling unwell, call a medical professional. Rinse mouth. Wear protective gloves. If on skin, wash with plenty of water and soap. Rinse with plenty of water. If skin irritation occurs, get medical attention. Remove contaminated clothing and wash before reuse.			
SECTION 3: Composition/Information on Ingredients			
<b>Chemical identity</b>	<b>Common name, synonyms, etc.</b>	<b>CAS #</b>	<b>%</b>
Monoethanolamine	MEA,2-aminoethanol, ETA,ethanolamine, 2-Aminoethyl alcohol	141-43-5	22-26
Benzyl Alcohol	Benzenemethanol	100-51-6	6-8



**SECTION 4: First Aid Measures**

**If medical advice is needed, have product container or label at hand.**

**Necessary measures for routes of exposure**

IF SWALLOWED: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting. Call 911 or emergency medical professional.

IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If skin irritation occurs, get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

**Most important symptoms/effects, acute and delayed.**

Acute exposure may cause skin burns/irritation or eye irritation.

**Immediate medical attention and special treatment, if necessary**

Move victim to fresh air. Immediately call 911 or medical aid..

**SECTION 5: Fire-fighting Measures****Suitable extinguishing media.**

Dry chemical, CO<sub>2</sub>, alcohol resistant foam or water spray

**Specific hazards arising from the chemical**

None known. Move containers from area, if you can do so without risk.

**Special protective equipment and precautions for fire-fighters.**

Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.

**Emergency Response Guide Number**

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**SECTION 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures.**

Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are recommended.

**Environmental precautions.**

Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.

**Methods and materials for containment and cleaning up.**

Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage****Precautions for safe handling.**

Do not eat, drink or smoke in areas where this material is used. After handling, wash hands thoroughly with soap and water. Wear protective nitrile gloves, protective clothing, and safety eyewear/face protection. Use only with adequate ventilation/personal protection. Avoid strong oxidizing agents and metals. Use within 1 year.

**Conditions for safe storage, including any incompatibilities.**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers.

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS #	Value	Exposure	Basis
Ethanalamine	141-43-5	TWA	3ppm	USA, ACGIH Threshold Limit Values,(TLV)
		STEL	6ppm	USA, ACGIH Threshold Limit Values,(TLV)
		TWA	3ppm (8mg/m3)	USA OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
		STEL	6ppm (15mg/m3)	USA OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
		TWA	3ppm (8mg/m3)	USA, NIOSH Recommended Exposure Limits
		ST	6ppm (15mg/m3)	USA, NIOSH Recommended Exposure Limits

Remarks: Skin &amp; eye irritation

Component	CAS #	Value	Exposure	Basis
Benzyl Alcohol	100-51-6	TWA	10ppm	USA Workplace Environmental Exposure Levels (WEEL)
<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Collect spillage. Long term exposure could irritate skin and eyes.			
<b>Appropriate engineering controls</b>	Provide local ventilation. Respiratory equipment not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.			
<b>Individual protection measures</b>	Avoid skin contact with this product. Handle with nitrile gloves which have been inspected prior to use. Avoid eye contact. Safety eyewear is required.			

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Green transparent liquid	<b>Boiling Point</b>	Ca 212°F
<b>Odor</b>	Mild odor, no fragrance added	<b>Solubility in Water</b>	Complete
<b>Specific Gravity</b>	0.94-0.96	<b>Evaporation Rate</b>	Slower than water
<b>pH at concentrate</b>	12-13	<b>VOC at concentrate</b>	<7.00%
<b>pH at use dilution</b>	10-11	<b>VOC at use dilution</b>	<0.04%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Avoid heat.
<b>Incompatible materials</b>	Poly vinyl chloride plastic, Mylar
<b>Hazardous decomposition products</b>	With heat mixture may release ammonia.

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	Benzyl alcohol RTECS: DN3150000, Central nervous system depression. Liver - Irregularities - Based on Human Evidence Monoethanolamine RTECS:KJ5775000, Liver-Irregularities- Based on Human Evidence

**SECTION 12: Ecological Information**

Monoethanolamine is toxic to aquatic life. Benzyl alcohol is toxic to aquatic life. No data is available on the mixture.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

**DOT Packaging Exception 173.154, b,2,d,  
Limited Quantities not over 1.3 gals (Inner packaging not over 1.3 gals)  
If shipped by airplane, rail or vessel see 49 CFR 172.101 Hazardous Materials Table**

<b>DOT Classification</b>	Corrosive Liquid, n.o.s. (Contains potassium hydroxide)	<b>Hazard Class</b>	8
<b>DOT Identification</b>	UN1760	<b>Packaging Group</b>	3
<b>Placard</b>	Corrosive 8	Special Provisions for Bulk Transport (>119 gals container for liquids): Corrosive 8 Placard	

**SECTION 15: Regulatory Information**

This mixture does not contain any materials subject to the reporting requirements of SARA Title III, Section 302 or SARA Title III, Section 313.

Ethanolamine is a Fire Hazard, Acute Health Hazard, Chronic Health Hazard per SARA 311/312.  
Benzyl Alcohol is an Acute Health Hazard, Chronic Health Hazard per SRA 311/312.  
Mixture has not been tested.

Ethanolamine CAS 141-43-5 is a NJ,PA, MA Right- to- Know chemical  
Benzyl Alcohol CAS100-51-6 is a NJ,PA, MA Right- to- Know chemical

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.



This product meets Green Seal™ Standard GS-40 based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org.


**SECTION 16: Other Information**

Revision prepared 12/29/2017 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.  
Previous version dated 08/29/2016.

**DISCLAIMER:** Whereas the use and handling of this product is not within the control of M.D. Stetson Company, Inc., it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. M.D. Stetson Company, Inc. accepts no liability for damages or loss incurred from the misuse and mishandling of this product.



**Safety Data Sheet**

SECTION 1: Identification			
<b>Product Name</b>	Product Central 120 Peroxide Multisurface Cleaner	<b>Item Code</b>	PC120/PC120EZ
<b>Recommended Use</b>	Concentrated multiple surface cleaner		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	
SECTION 2: Hazard(s) identification			
<b>WARNING</b>		<b>Hazards not otherwise classified or not covered by GHS</b>	
		None	
<b>Hazard Statements</b>		<b>Class (GHS Chapter)</b>	<b>Category</b>
Causes skin irritation.		Skin corrosion/irritation(3.2)	Category 2
Causes serious eye irritation		Causes serious eye irritation (3.3)	Category 2A
<b>Precautionary Statements</b>			
Wash hands, face and exposed skin thoroughly after handling. Wear protective gloves. Nitrile gloves suggested. Wearing eye protection is recommended. If skin irritation occurs, get medical advice/attention. Remove contaminated clothing and wash before reuse. If eye irritation persists, get medical attention.			
<i>When used in accordance with the manufacturer's directions this product is considered non-hazardous as defined in OSHA 29 CFR 1910.1200 at end use dilutions.</i>			
SECTION 3: Composition/Information on Ingredients			
<b>Chemical identity</b>	<b>Common Name, Synonyms, etc.</b>	<b>CAS #</b>	<b>%</b>
Hydrogen Peroxide	Dioxidane, Oxidanyl	7722-84-1	6 - 8
SECTION 4: First Aid Measures			
<b>If medical advice is needed, have product container or label at hand.</b>			
<b>Necessary measures for routes of exposure</b>	SWALLOWED: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting. Call Poison Center, 911 or emergency medical service.		
	ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with soap and water. If irritation occurs, get medical advice/attention.		
	INHALED: Remove person to fresh air and keep comfortable for breathing.		
	IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if easy to do. Continue rinsing. If irritation persists, get medical attention.		

**SECTION 4: First Aid Measures (continued)**

<b>Most important symptoms/effects, acute and delayed.</b>	Acute exposure may cause skin irritation or eye irritation.
<b>Immediate medical attention and special treatment, if necessary</b>	Move victim to fresh air. Immediately call poison center, 911 or medical aid.

**SECTION 5: Fire-fighting Measures**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray
<b>Specific hazards arising from the chemical</b>	None known. Move containers from fire area, if you can without risk
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.
<b>Emergency Response Guide Number</b>	Not applicable

**SECTION 6: Accidental Release Measures**

<b>Personal precaution, protective equipment and emergency procedures.</b>	Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are recommended.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.
<b>Methods and materials for containment and cleaning up.</b>	Stop leak if you can without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Wear protective nitrile gloves, clothing and eyewear. Use only with adequate ventilation/personal protection. Avoid strong oxidizing agents and metals.
<b>Conditions for safe storage, including any incompatibilities.</b>	Keep out of the reach of children. Store away from heat, hot surfaces, sparks, open flames and other ignition sources. Store container in a cool, dry, ventilated area away from incompatible materials. Keep container tightly closed and properly labeled. Store in original container. Do not store in ferrous containers.

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS #	Type	Value	Basis
Hydrogen Peroxide	7722-84-1	TWA	1ppm	USA ACGIH Threshold Limit Values (TLV)
		TWA	1ppm 1.4 mg/m <sup>3</sup>	USA, NIOSH Recommended Exposure Limits
		TWA	1ppm 1.4 mg/m <sup>3</sup>	USA, Occupational Exposure Limits (OSHA)-Table Z-Limits for Air Contaminants
		TWA	1ppm 1.4 mg/m <sup>3</sup>	USA, OSHA-Table Z-1 Limits for Air contaminants - 1910.1000

Remarks: Eye, skin and upper respiratory tract irritation, Confirmed animal carcinogen with unknown relevance to humans.

<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Wear eye and skin protection. Collect spillage.
<b>Appropriate engineering controls</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.
<b>Individual protection measures</b>	Handle with nitrile gloves. Gloves must be inspected prior to use. Avoid skin contact with this product. Eye protection is recommended. Avoid eye contact. Long term exposure could irritate skin and eyes.

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Clear liquid	<b>pH at concentrate</b>	4.2-5.0
<b>Odor</b>	Citrus fragrance added	No fragrance added	<b>pH at use dilution</b> 6.5-7.5
<b>Odor threshold</b>	No data available	<b>Solubility in Water</b>	Complete
<b>Specific Gravity</b>	1.01-1.03	<b>Evaporation Rate</b>	Similar to water
<b>Boiling Point</b>	Ca 212°F	<b>Volatile Organic Compound</b>	0%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	Zinc, powdered metals, iron, copper, nickel, brass, iron and iron salts.
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrogen peroxide)
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	<u>Hydrogen Peroxide CAS 7722-84-1</u> RTECS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on Human Evidence. Stomach - Irregularities - Based on Human Evidence (Hydrogen peroxide)

**SECTION 12: Ecological Information**

No data available.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

Not US DOT regulated

**SECTION 15: Regulatory Information**

Hydrogen Peroxide CAS 7722-84-1 is subject to reporting levels established by SARA Title III, Section 302  
Hydrogen Peroxide CAS 7722-84-1 is a SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard  
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Hydrogen Peroxide CAS 7722-84-1 is a NJ, PA, MA Right-to-Know chemical

California Prop. 65: This product does not contain any chemical known to the state of California to cause cancer, birth defects, or any other reproductive harm.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity.  
GreenSeal.org.

**SECTION 16: Other Information**

This product, when diluted through the Product Central automated dispensing system in accordance with the manufacturer's instructions, is considered non-hazardous.

Prepared 08/12/2016 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only. Previous version dated 01/27/2016.





SECTION 1: Identification			
<b>Product Name</b>	Product Central #121 Pro-Zyme	<b>Item Code</b>	PC121/PC121EZ
<b>Recommended Use</b>	Cleaner/Odor Control		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	
SECTION 2: Hazard(s) identification			
<b>WARNING</b>	<b>Hazards not otherwise classified or not covered by GHS</b>		
	None		
<b>Hazard Statement</b>	<b>Hazard Class (GHS Chapter)</b>	<b>Hazard Category</b>	
Causes eye irritation	Serious eye irritation (3.3)	2B	
Precautionary Statement			
Wash skin thoroughly after handling. For contact with eyes, rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical attention.			
SECTION 3: Composition/Information on Ingredients			
<b>Chemical identity</b>	<b>Common name, synonyms, etc.</b>	<b>CAS #</b>	<b>%</b>
Sodium dodecylbenzenesulfonate	Dodecylbenzenesulfonic acid sodium salt, SDBS	25155-30-0	3-8
SECTION 4: First Aid Measures			
<b>If medical advice is needed, have product container or label at hand.</b>			
<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Rinse mouth thoroughly. Call physician or poison control center. Do not induce vomiting without advice from medical professional.		
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty water or shower. If skin irritation occurs get medical attention.		
	IF INHALED: Remove person to fresh air and keep comfortable for breathing.		
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical attention.		
<b>Most important symptoms/effects, acute and delayed.</b>	Acute exposure may cause skin, eye or respiratory irritation.		
<b>Immediate medical attention and special treatment, if necessary</b>	Move victim to fresh air. Immediately call poison center or 911.		

**SECTION 5: Fire-fighting Measures**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray
<b>Specific hazards arising from the chemical</b>	No known hazards.
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear positive pressure, self-contained breathing apparatus (SCBA) and chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.
<b>Emergency Response Guide Number</b>	Not applicable.

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Chemically protective gloves, clothing and safety eyewear are required for large spills. Salvage reusable materials.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.
<b>Methods and materials for containment and cleaning up.</b>	Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Avoid cross-contamination. Do not eat, drink or smoke in areas where this material is used. Long term exposure could irritate skin and eyes. Avoid prolonged contact with skin and eyes. Avoid inhalation of mist or spray. After handling, always wash hands thoroughly.
<b>Conditions for safe storage, including any incompatibilities.</b>	Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers.

**SECTION 8: Exposure Controls/Personal Protection**

<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Store in secure area. Collect spillage.
<b>Appropriate engineering controls</b>	Respiratory equipment is required where risk assessment shows air-purifying respirators are appropriate. Use a full-face respirator with multi-purpose combination or type ABEK respirator cartridges as a backup to engineering controls. Provide local ventilation.
<b>Individual protection measures</b>	Avoid skin contact. Handle with nitrile gloves which have been inspected prior to use. Avoid eye contact. Safety eyewear is recommended.

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Opaque tan liquid	<b>Specific Gravity</b>	1.02-1.04
<b>Odor</b>	Fragranced	<b>Flash Point/Boiling Point</b>	NA/212°F
<b>pH at concentrate</b>	7.5-9.0	<b>Solubility in Water</b>	Complete
<b>Volatile Organic Compound</b>	0%	<b>Evaporation Rate</b>	Slower than water

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Heat
<b>Incompatible materials</b>	Strong oxidizing agents and acids. Strong bases.
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
<b>Additional Information</b>	None available

**SECTION 12: Ecological Information**

No data is available on the mixture.

**SECTION 13: Disposal Considerations**

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

**SECTION 14: Transport Information**

Not regulated for US DOT ground transport.

**SECTION 15: Regulatory Information**

This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.  
This material does not contain any components subject to the reporting requirements of SARA Title III, Section 313.  
This material does not contain any components subject to the reporting requirements of SARA 311/312

Sodium dodecylbenzenesulfonate CAS 25155-30-0 is a MA, NY, NJ and PA Right-To-Know chemical

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.



Product certified for reduced environmental impact. View specific attributes evaluated: [UL.COM/MA](http://UL.COM/MA) or [UL.COM/EL](http://UL.COM/EL). Standard 2792.

**SECTION 16: Other Information**

Revision prepared 01/23/2019 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.  
Previous Version Dated 12/08/2016.

**DISCLAIMER:** Whereas the use and handling of this product is not within the control of M.D. Stetson Company, Inc., it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. M.D. Stetson Company, Inc. accepts no liability for damages or loss incurred from the misuse and mishandling of this product.



SECTION 1: Identification			
<b>Product Name</b>	Universal Floor Finish	<b>Item Number</b>	UNIVERSAL
<b>Recommended Use</b>	High solids floor finish		
<b>Supplier</b>	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	
SECTION 2: Hazard(s) identification			
This product does not contain hazardous ingredients as defined in OSHA 29 CFR 1910.1200		<b>Hazards not otherwise classified or not covered by GHS</b>	
		None	
SECTION 3: Composition/Information on Ingredients			
Chemical identity	Common name, synonyms, etc.		CAS #
2-(2-Ethoxyethoxy)ethanol	Diethylene glycol methyl ether Carbitol Solvent Low Gravity, 2-Beta(ethoxyethoxy)ethanol, DE, Ethyldiglycol, Diglycolmonoethyl ether,		111-90-0
SECTION 4: First Aid Measures			
<b>If medical advice is needed, have product container or label at hand.</b>			
<b>Necessary measures for routes of exposure</b>	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call 911 or emergency medical professional.		
	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical attention.		
	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.		
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.		
<b>Most important symptoms/effects, acute and delayed.</b>	Acute exposure may cause minor skin irritation or minor eye irritation.		
<b>Immediate medical attention and special treatment, if necessary</b>	Move victim to fresh air. Call 911 or emergency medical service.		

**SECTION 5: Fire-fighting Measures**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , or water spray
<b>Specific hazards arising from the chemical</b>	None known. Move containers from fire area if you can do so without risk.
<b>Special protective equipment and precautions for fire-fighters.</b>	For containers: Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing, specifically recommended by the manufacturer, which may provide little or no thermal protection.
<b>Emergency Response Guide Number</b>	No data available.

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Protective gloves and safety eyewear are recommended.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas
<b>Methods and materials for containment and cleaning up.</b>	Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible absorbent material and transfer to containers.

**SECTION 7: Handling and Storage**

<b>Precautions for safe handling.</b>	Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation/personal protection. Avoid strong oxidizing agents and acids.
<b>Conditions for safe storage, including any incompatibilities.</b>	Store containers in a cool, dry, ventilated area. Keep containers tightly closed and properly labeled.

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS #	Value	Exposure	Basis
2-(2-Ethoxyethoxy)ethanol	111-90-0	TWA	25 ppm	USA, Workplace Environmental Exposure Levels (WEEL)
<b>Control parameters</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Long term exposure could irritate skin and eyes.			
<b>Appropriate engineering controls.</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.			
<b>Individual protection measures</b>	Handle with gloves which have been inspected prior to use. Avoid eye contact. Protective eyewear is recommended.			

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Milk White Liquid	<b>Specific Gravity</b>	1.01-1.04
<b>Odor</b>	Slight Aromatic Odor	<b>Boiling Point</b>	Ca 212°F
<b>Odor threshold</b>	No data available	<b>Solubility in Water</b>	Complete
<b>pH</b>	7.8-8.2	<b>Evaporation Rate</b>	Slightly faster than water
		<b>Volatile Organic Compounds</b>	0%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	Oxidizers, acids, chlorine.
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
<b>ACGIH</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
<b>NTP</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
<b>OSHA</b>	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA

**SECTION 12: Ecological Information**

No data available

**SECTION 13: Disposal Considerations**

Dispose in accordance with local, state and federal regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

**SECTION 14: Transport Information**

Not US DOT regulated for transport.

**SECTION 15: Regulatory Information**

2-(2-Ethoxyethoxy)ethanol CAS 111-90-0 is subject to reporting levels established by SARA Title III, Section 313:  
2-(2-Ethoxyethoxy)ethanol CAS 111-90-0 Revision 01-01-1995 Sara 311/312 Chronic Health Hazard  
2-(2-Ethoxyethoxy)ethanol CAS 111-90-0 PA, NJ Right-to-Know chemical

No chemicals in this material are subject to the reporting requirements of SARA 302

Californian Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.



This product meets Green Seal™ Standard GS-40 based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org.

**SECTION 16: Other Information**

Revision prepared 07/21/2016 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.  
Previous version dated 01/28/2015.

**DISCLAIMER:** Whereas the use and handling of this product is not within the control of M.D. Stetson Company, Inc., it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. M.D. Stetson Company, Inc. accepts no liability for damages or loss incurred from the misuse and mishandling of this product.