

# SAFETY DATA SHEET

Issue Date 01-Apr-2015 Revision Date 22-Mar-2015 Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier** 

Product Name FT POWER SPRAY READY TO USE CLEANER

Product Code FLABPSGMCT-818

Customer Code FT 105

#### Other means of identification

## Recommended use of the chemical and restrictions on use

Recommended Use Hard Surface Cleaner Uses advised against Use only as stated on label.

#### Details of the supplier of the safety data sheet

Manufactured For / Distributed By Fortech® Products a Formula Corp Brand 4432 C ST NE Auburn, WA 98002 Phone (800) 772-7005 E-Mail sales@formulacorp.com

#### **Emergency telephone number**

24 Hour Emergency Phone Number (800) 228-5635 X059

## 2. HAZARDS IDENTIFICATION

## Classification

Acute toxicity - Oral	Not classified
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

## Label elements

## Emergency Overview

## Warning

## **Hazard statements**

Causes skin irritation
Causes serious eye irritation



## **Precautionary Statements - Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection

#### **Precautionary Statements - Response**

- Specific Treatment (See Section 4 on the SDS)

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

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink plenty of water.

## **Precautionary Statements - Storage**

- Keep out of reach of children

## **Precautionary Statements - Disposal**

- Disposal should be in accordance with applicable regional, national and local laws and regulations

## Hazards not otherwise classified (HNOC)

#### Other Information

Unknown Acute Toxicity

1.16% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
1-Butoxy-2-Propanol	5131-66-8	1-5	*
Monoethanolamine	141-43-5	1-5	*
Methanol	67-56-1	<0.1	*

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

#### First aid measures

Inhalation

**Skin Contact** Wash skin with soap and water.

**Eye contact**Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

#### Most important symptoms and effects, both acute and delayed

Symptoms Any additional important symptoms and effects are described in Section 11: Toxicology

Information.

## Indication of any immediate medical attention and special treatment needed

## 5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media</u> Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<u>Protective equipment and precautions for firefighters</u> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

#### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions** 

**Environmental precautions** See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containmentPrevent further leakage or spillage if safe to do so.Methods for cleaning upPick up and transfer to properly labeled containers.

#### 7. HANDLING AND STORAGE

## Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

## Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

**Exposure Guidelines**This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Monoethanolamine	Monoethanolamine STEL: 6 ppm		IDLH: 30 ppm
141-43-5	TWA: 3 ppm	TWA: 6 mg/m <sup>3</sup>	TWA: 3 ppm
		(vacated) TWA: 3 ppm	TWA: 8 mg/m <sup>3</sup>
		(vacated) TWA: 8 mg/m <sup>3</sup>	STEL: 6 ppm
		(vacated) STEL: 6 ppm	STEL: 15 mg/m <sup>3</sup>
		(vacated) STEL: 15 mg/m <sup>3</sup>	
Methanol         STEL: 250 ppm           67-56-1         TWA: 200 ppm		TWA: 200 ppm	IDLH: 6000 ppm
		TWA: 260 mg/m <sup>3</sup>	TWA: 200 ppm
S*		(vacated) TWA: 200 ppm	TWA: 260 mg/m <sup>3</sup>
		(vacated) TWA: 260 mg/m <sup>3</sup>	STEL: 250 ppm
		(vacated) STEL: 250 ppm	STEL: 325 mg/m <sup>3</sup>
		(vacated) STEL: 325 mg/m <sup>3</sup>	_
		(vacated) S*	

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

#### Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems

## Individual protection measures, such as personal protective equipment

**Eye/face protection**No special technical protective measures are necessary. **Skin and body protection**No special technical protective measures are necessary.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

**General Hygiene** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Physical stateLiquidAppearanceClearColorGreenOdorSweet

Odor threshold No Information available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH 10.0 - 11.0
Specific Gravity 1.009
Viscosity Water Thin

Melting point/freezing point No Information available

Flash point above 200F

Boiling point / boiling range No Information available

**Evaporation rate** Same as water

Flammability (solid, gas) Flammability Limits in Air

Upper flammability limit:No Information availableLower flammability limit:No Information availableVapor pressureNo Information availableVapor densityNo Information available

Water solubility Soluble in water

Partition coefficient
Autoignition temperature
Decomposition temperature
No Information available
No Information available

Other Information

Density Lbs/Gal 8.40 VOC Content (%) 4.02

#### 10. STABILITY AND REACTIVITY

#### Reactivity

No data available

**Stability** Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Conditions to avoid Extremes of temperature and direct sunlight.

Incompatible materials None known based on information supplied.

Hazardous Decomposition Products None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

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#### FT POWER SPRAY READY TO USE CLEANER

Inhalation No data available.

**Eye contact** Severely irritating to eyes.

Skin ContactIrritating to skin.IngestionHarmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Monoethanolamine	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1000 mg/kg	Yes
141-43-5		( Rabbit )	

#### Information on toxicological effects

**Symptoms** No Information available.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization Germ cell mutagenicity**No Information available.
No Information available.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
No Information available.
No Information available.

Target organ effects Central nervous system, EYES, Respiratory system, Skin.

**Aspiration hazard** No Information available.

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 1.16% of the mixture consists of ingredient(s) of unknown toxicity

## The following values are calculated based on chapter 3.1 of the GHS document

Component Inhalation LC50 - 4 hour - vapor - mg/L Methanol 31819.8052

67-56-1 (<0.1)

## 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

4.29% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name Algae/aquatic plants		Fish	Crustacea
Monoethanolamine 15: 72 h Desmodesmus subspicatus			65: 48 h Daphnia magna mg/L
141-43-5	mg/L EC50	mg/L LC50 flow-through 3684: 96 h	EC50
		Brachydanio rerio mg/L LC50 static	
		300 - 1000: 96 h Lepomis	
		macrochirus mg/L LC50 static 114 -	
		196: 96 h Oncorhynchus mykiss	
		mg/L LC50 static 200: 96 h	
		Oncorhynchus mykiss mg/L LC50	
		flow-through	
Methanol	Yes	28200: 96 h Pimephales promelas	Yes
67-56-1		mg/L LC50 flow-through 100: 96 h	
		Pimephales promelas mg/L LC50	
		static 19500 - 20700: 96 h	
		Oncorhynchus mykiss mg/L LC50	
		flow-through 18 - 20: 96 h	
		Oncorhynchus mykiss mL/L LC50	
		static 13500 - 17600: 96 h Lepomis	
		macrochirus mg/L LC50	
		flow-through	

Persistence and degradability No Information available.

#### FT POWER SPRAY READY TO USE CLEANER

No Information available.

Bioaccumulation

Chemical Name	Partition coefficient	
Monoethanolamine 141-43-5	-1.91	
Methanol 67-56-1	-0.77	

Other adverse effects No Information available

#### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

**Contaminated packaging** Do not reuse container.

US EPA Waste Number U154

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methanol	Yes	Included in waste stream:	Yes	U154
67-56-1		F039		

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status	
Methanol	Toxic	
67-56-1	Ignitable	

## 14. TRANSPORT INFORMATION

**Note:** The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

#### U.S. Department of Transportation (USDOT)

4x1 Gallon CaseNot regulatedPails & Drums (<119 Gallons)</th>Not regulated

## 15. REGULATORY INFORMATION

## **International Inventories**

TSCA Complies DSL/NDSL Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

## **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

## SARA 311/312 Hazard Categories

Acute health hazard No
Chronic Health Hazard No
Fire hazard No
Reactive Hazard No

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#### Sudden release of pressure hazard

No

### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methanol	5000 lb	<del>-</del>	RQ 5000 lb final RQ
67-56-1			RQ 2270 kg final RQ

### **US State Regulations**

#### **California Proposition 65**

This product contains chemicals known to the state of California to cause cancer, or birth defects or other reproductive harm.

Chemical Name	California Proposition 65	
Methanol - 67-56-1	Developmental	

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Monoethanolamine 141-43-5	Х	X	Х
Methanol 67-56-1	Х	X	Х

#### U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

Additional information No Information available.

#### **16. OTHER INFORMATION**

**HMIS** 

Health hazards	Flammability	Physical hazards	Personal protection
1	1	0	A

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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 a 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 combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet