# **Safety Data Sheet**

Issue Date: 16-Oct-2017 Revision Date: 20-Oct-2017 Version 1

## 1. IDENTIFICATION

Product Identifier

Product Name MiracleMist Long-Term Protectant

Other means of identification

**SDS #** ENC-009

Product Code MMLTP-1
UPC Code 852763003831
Synonyms MiracleMist.

Recommended use of the chemical and restrictions on use

**Recommended Use**Mold, mildew and algae stain preventer.

Details of the supplier of the safety data sheet

Supplier Address Encore Coatings LLC 11464 Big Canoe Jasper, GA 30143 www.encorecoatings.com

**Emergency Telephone Number** 

Company Phone Number Phone: 888-776-2242

Fax: 678-716-0537

**Emergency Telephone (24 hr)** 770-330-7260

## 2. HAZARDS IDENTIFICATION

Appearance Clear liquid Physical state Liquid Odor None

Classification

Specific target organ toxicity (single exposure)

Category 1

## Signal Word Danger

## **Hazard statements**

Causes damage to organs



## **Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product

## <u>Precautionary Statements - Response</u>

IF exposed: Call a POISON CENTER or doctor

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#### **Precautionary Statements - Storage**

Store locked up

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms MiracleMist.

Chemical Name	CAS No.	Weight-%
Proprietary	Proprietary	0.5-2
Methanol	67-56-1	0.5-2

<sup>\*\*</sup>If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

# 4. FIRST AID MEASURES

## **First Aid Measures**

General Advice IF exposed: Call a POISON CENTER or doctor/physician.

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

Consult a physician.

**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes.

**Inhalation** Remove to fresh air.

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

# Most important symptoms and effects

**Symptoms** Causes damage to organs.

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

Notes to Physician Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

## **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

# **Specific Hazards Arising from the Chemical**

Not determined.

## Protective equipment and precautions for firefighters

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**Use personal protective equipment as required.

**Environmental precautions** 

**Environmental precautions** See Section 12 for additional Ecological Information.

## Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

## Precautions for safe handling

Advice on Safe Handling Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin

thoroughly after handling. Do not eat, drink or smoke when using this product.

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## Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up.

Incompatible Materials None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methanol	STEL: 250 ppm	TWA: 200 ppm	IDLH: 6000 ppm
67-56-1	TWA: 200 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*	

## Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

#### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

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

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Physical state Liquid

**Appearance** Clear liquid Odor None Color Colorless **Odor Threshold** None

Property Values Remarks • Method

Ha

**Melting Point/Freezing Point** Not determined Boiling Point/Boiling Range Not determined Flash Point Not determined **Evaporation Rate** Not determined Flammability (Solid, Gas) Liquid-Not applicable

Flammability Limits in Air

**Upper Flammability Limits** Not determined **Lower Flammability Limit** Not determined **Vapor Pressure** Not determined **Vapor Density** Not determined **Relative Density** Not determined **Water Solubility** Not determined Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined **Kinematic Viscosity** Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties** Not determined

## 10. STABILITY AND REACTIVITY

#### Reactivity

Not reactive under normal conditions.

## **Chemical Stability**

Stable under recommended storage conditions.

# Possibility of Hazardous Reactions

None under normal processing.

## **Conditions to Avoid**

Keep out of reach of children.

# **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

**Product Information** 

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

## **Component Information**

Chemical Name Oral LD50		Dermal LD50	Inhalation LC50	
Proprietary > 5000 mg/kg (Rat)		> 2000 mg/kg (Rabbit)	> 2 mg/L (Rat) 1 h	
	Methanol	= 6200 mg/kg (Rat)	= 15800 mg/kg (Rabbit)	= 64000 ppm (Rat) 4 h = 22500 ppm
	67-56-1			(Rat) 8 h

## Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

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

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or

potential carcinogens as listed by OSHA, IARC or NTP.

**STOT - single exposure** Causes damage to organs.

## **Numerical measures of toxicity**

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

ATEmix (oral) 7,143.00 mg/kg
ATEmix (dermal) 30,000.00 mg/kg
ATEmix (inhalation-dust/mist) 50.10 mg/L
ATEmix (inhalation-vapor) 300.00 mg/L

# 12. ECOLOGICAL INFORMATION

## **Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

## **Component Information**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Methanol		18 - 20: 96 h Oncorhynchus mykiss	
67-56-1		mL/L LC50 static 19500 - 20700: 96	
		h Oncorhynchus mykiss mg/L LC50	
		flow-through 100: 96 h Pimephales	
		promelas mg/L LC50 static 28200:	
		96 h Pimephales promelas mg/L	
		LC50 flow-through 13500 - 17600:	
		96 h Lepomis macrochirus mg/L	
		LC50 flow-through	

## Persistence/Degradability

Not determined.

## **Bioaccumulation**

Not determined.

#### **Mobility**

Chemical Name	Partition Coefficient
Methanol	-0.77
67-56-1	

## **Other Adverse Effects**

Not determined

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

regulations.

## **US EPA Waste Number**

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

## California Hazardous Waste Status

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

## 14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

**DOT** Not regulated

<u>IATA</u> Not regulated

IMDG Not regulated

# 15. REGULATORY INFORMATION

## International Inventories

Proprietary     X     X     X     Present     X     Present     X     X       Methanol     X     X     X     Present     X     Present     X     X	Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Methanol X X X Present X Present X X	Proprietary	Х	Х	Х	Present	Χ	Present	Х	Х
	Methanol	Х	Х	X	Present	Χ	Present	Х	Х

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

 $\textbf{DSL/NDSL} \cdot \textbf{Canadian Domestic Substances List/Non-Domestic Substances List}$ 

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **CERCLA**

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

#### **SARA 313**

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Methanol - 67-56-1	67-56-1	0.5-2	1.0

## **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)

#### **US State Regulations**

## **California Proposition 65**

This product contains the following Proposition 65 chemicals.

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

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methanol	X	X	X
67-56-1			

# **16. OTHER INFORMATION**

NFPA **Health Hazards Flammability** Instability **Special Hazards** Not determined Not determined Not determined Not determined **HMIS Health Hazards Flammability Physical hazards Personal Protection** Not determined Not determined Not determined Not determined

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#### **Disclaimer**

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**