

MATERIAL SAFETY DATA SHEET

CETYLITE® INDUSTRIES, INC.

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Hazard Rating (NFPA 704)

Health	1	0=Least
Fire	1	1=Slight
Reactivity	0	2=Moderate
Special	none	3=High
		4=Extreme

Date Prepared: 03/08/12

SECTION 1 - IDENTIFICATION

PRODUCT NAME: DEE FOG®
**MAIN HAZARDOUS
CHEMICAL INGREDIENTS**
**OSHA
PEL**
**ACGIH
TLV**
CAS #

Isopropyl alcohol	400 ppm	400 ppm	67-68-0
Propylene glycol	none	none	57-55-6
Igepal CO-360 surfactant	none	none	68412-54-4
BTC-50 (quaternary amine)	none	none	68391-01-5
Sodium saccharin	none	none	128-44-9
Artificial cherry flavor (proprietary)	none	none	N/A

Note: Substances listed as hazardous ingredients are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is classified and listed as a potential carcinogen by OSHA Hazard Communication Standard.

SECTION 2 - PHYSICAL DATA

BOILING POINT:	Not determined.	SOLUBILITY IN WATER:	Very soluble.
VAPOR PRESSURE:	Not determined.	MELTING POINT:	N/A
VAPOR DENSITY (air=1):	Not determined.	EVAPORATION RATE:	Not determined.
SPECIFIC GRAVITY (H₂O=1): Approx. 1.0.			
APPEARANCE AND ODOR: liquid; red; cherry odor. Note: Mixture not tested as a whole.			

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not determined.
FLAMMABLE LIMITS:	LFL-not determined UFL-not determined.
EXTINGUISHING MEDIA:	Dry chemical; alcohol foam; CO ₂ , water spray.
FIRE AND EXPLOSION HAZARDS:	Toxic fumes may be released if fire evaporates liquid.
FIRE FIGHTING EQUIPMENT:	Keep container and nearby structures cool with water spray. Wear positive-pressure self-contained breathing apparatus.

SECTION 4 - REACTIVITY DATA

STABILITY: (conditions to avoid) Stable under normal storage conditions.

INCOMPATIBILITY: (specific materials to avoid) Oxidizing and reducing agents; prolonged exposure to heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide; aldehydes.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Eliminate all ignition sources and ventilate area. Contain spilled material. Disperse residue. Use suitable absorbent materials. If large release, or respiratory discomfort and irritation occur use a self-contained breathing apparatus.

DISPOSAL METHOD: Remove to permitted waste disposal facility in accordance with local, state and federal requirements.

SECTION 6 - HEALTH HAZARD DATA (Symptoms of Overexposure)

EYE: Severe irritant.

SKIN CONTACT: May cause irritation.

INGESTION: May cause irritation of the gastrointestinal tract.

INHALATION: Can cause coughing, shortness of breath, dizziness and irritation of the respiratory tract.

SYSTEMIC AND OTHER EFFECTS: Can be irritating to mucous membranes. Saccharin was classified as having evidence of carcinogenicity in experimental animals and no adequate evidence of carcinogenicity in humans. Isopropanol was reported to be fetotoxic.

SECTION 7 - FIRST AID

EYES: Irrigate immediately with water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash off with water or shower. If irritation persists get medical attention.

INGESTION: If conscious drink water. Get medical attention.

INHALATION: Remove to fresh air if effects occur. Get immediate medical attention.

SECTION 8 - HANDLING PRECAUTIONS

EXPOSURE GUIDELINE(S): None established.

VENTILATION: Good general ventilation should be adequate.

RESPIRATORY PROTECTION: If respiratory discomfort is experienced, use an approved air-purifying respirator with particulate/organic vapor cartridge.

SKIN PROTECTION: Use impervious gloves when prolonged or repeated contact could occur. Wash contaminated clothing before reuse.

EYE PROTECTION: Use safety glasses with side shields.

SECTION 9 - ADDITIONAL INFORMATION

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry, well ventilated place away from heat, open flames and incompatible materials. Keep container tightly closed when not in use. Avoid repeated skin contact and eye exposure. Do not puncture or incinerate container. Do not permit eating, drinking or smoking near material.

EPA-EPCRA - Section 313 (Listed Chemicals): NONE.

STATE RIGHT TO KNOW:

Isopropanol(PA1,MSL-HS), 1,2-propanediol(PA1)

PA1= Pennsylvania Hazardous Substance

MSL-HS= Massachusetts Right To Know Substance List (Hazardous Substances)

DISCLAIMER:

The information herein given was derived solely from the Main Hazardous Chemical Ingredients MSDS's on file at the time of this MSDS preparation. The information is given in good faith but no warranty, express or implied to the accuracy, completeness or adequacy of the information contained in this MSDS is made. We assume no warranties of fitness or liability from the use of this product. Since the conditions for use, handling, storage and disposal of this product are beyond Cetylite control, users should make their own investigations to determine the suitability of the information for their particular purposes. Users assume liability for damage, or expense arising out of product's improper use. Various Federal, State, or Provincial agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.