

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Dee Fog Liquid
CHEMICAL NAME:	Mixture
U.N. NUMBER:	UN1993
U.N. DANGEROUS GOODS CLASS:	See Section 14 for Details
SUPPLIER/MANUFACTURER'S NAME:	Cetylite Industries, Inc.
ADDRESS:	9051 River Road, Pennsauken, NJ 08110 USA
EMERGENCY PHONE:	(800) 257-7740
BUSINESS PHONE:	(800) 257-7740 or (856) 665-6111
FAX NUMBER:	(856) 665-5408
DATE OF PREPARATION:	November 14, 2017
DATE OF LAST REVISION:	June 19, 2014

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is a red liquid with a cherry odor. May cause serious eye damage. Harmful if swallowed. Inhalation of vapors can cause drowsiness or dizziness. Irritating to skin and respiratory system. This product is a Combustible liquid with a flash point >105°F. The Environmental effects of this product have not been investigated. Release of this product is not anticipated to have significant adverse effects in the aquatic environment.

US DOT SYMBOLS

See Section 14 For Details

GHS Pictograms


 Signal Word: **Danger!**
EU LABELING AND CLASSIFICATION:
Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex VI
EC# 231-791-2 This substance is not classified in the Annex VI
EC# 200-661-7 Annex VI Index# 603-117-00-0
EC# 500-209-1 This substance is not classified in the Annex VI
EC# 200-338-0 This substance is not classified in the Annex VI
EC# 204-886-1 This substance is not classified in the Annex VI
Proprietary Cherry Flavor is not listed in Annex VI
EC# 269-919-4 This substance is not classified in the Annex VI
Substances not listed either individually or in group entries must be self classified.
Component(s) Contributing to Classification(s)

Isopropyl Alcohol, Surfactant, Propylene Glycol

GHS Hazard Classification(s):

Flammable Liquid Category 3

Eye Irritant Category 2A

STOT SE Category 3

Hazard Statement(s):

H226: Highly flammable liquid and vapor

H319: Causes serious eye irritation

H336: May cause dizziness and drowsiness

Prevention Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting] equipment.

P242: Use non-sparking tools.

P243: Take actions to prevent static discharges.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Dee Fog Liquid****Response Statements:**

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P370+P378: In case of fire use water, foam, dry chemical, carbon dioxide or halon to extinguish.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312: Call a POISON CENTER/doctor if you feel unwell.
 P403+P235: Store in well-ventilated place. Keep Cool.
 P233: Keep container tightly closed.
 P405: Store locked up.
 P501: Dispose of contents/container in accordance with local/regional/ national/international regulations.

Storage Statements:**Disposal Statements:****HEALTH HAZARDS OR RISKS FROM EXPOSURE:**

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin or eyes, ingestion or inhalation. The symptoms of overexposure are described in the following paragraphs.

INHALATION: Inhalation of vapors/mist may irritation of mucous membranes, coughing and shortness of breath. May cause dizziness or drowsiness.

CONTACT WITH SKIN or EYES: Contact with skin may cause skin irritation with local redness. Eye contact may result in serious eye irritation.

INGESTION: Swallowing may result in irritation of the mouth, throat and gastrointestinal system.

CHRONIC: None known

TARGET ORGANS: **Acute:** Skin, eyes, respiratory tract **Chronic:** None known

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION
Water	7732-18-5	231-791-2	Not Listed	70 - 80%	Not Classified
Isopropyl Alcohol	67-63-0	200-661-7	0554	5 – 15%	Flammable Liq 2, Eye Irritant Cat 2, STOT SE 3
Surfactant	68412-54-4	500-209-1	Not Listed	1 – 10%	Eye Irritant Cat 2, STOT SE 3
Propylene Glycol	57-55-6	200-338-0	0321	1 – 10%	Not Classified
Sodium Saccharin	128-44-9	204-886-1	Not Listed	0.5 – 2%	Eye Irritant Cat 2
Cherry Flavor	Proprietary	Not Listed in ESIS	Not Listed	0.5 – 2%	Not Classified
Quaternary Amine	68391-01-5	269-919-4	Not Listed	0.5 – 2%	Eye Irritant Cat 2
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

SECTION 4 - FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Remove contact lenses if present. Seek medical attention.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops or persists. Remove contaminated clothing. Launder before re-use.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.



CETYLITE® SAFETY DATA SHEET

Dee Fog Liquid

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

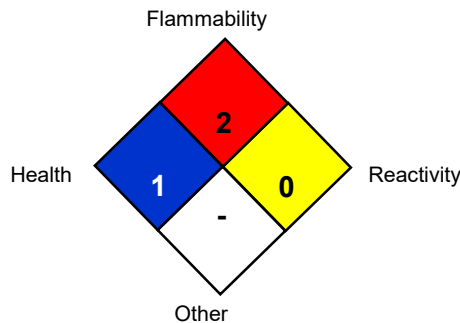
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin, eye or respiratory problems may be aggravated by prolonged exposure to this product.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT: >105°F (>40.5°C)
AUTOIGNITION TEMPERATURE: Not Established
FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): Not Established Upper (UEL): Not Established
FIRE EXTINGUISHING MATERIALS: Dry chemical, foam, carbon dioxide or water fog.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable concentrations of vapor can accumulate above flash point listed above.
Explosion Sensitivity to Mechanical Impact: No
Explosion Sensitivity to Static Discharge: No
SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			2
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations.

SPILLS: Contain spill if safe to do so. Eliminate all sources of ignition. Always wear proper PPE. Prevent entry into drains, sewers, and other waterways. Soak up with an absorbent material and place in an appropriate closed container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists/sprays generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.



STORAGE AND HANDLING PRACTICES: Containers of this product must be properly labeled. Store containers in a cool, dry location away from heat and sources of ignition. Keep container tightly closed when not in use. Store away from incompatible materials.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
Water	7732-18-5	Not Listed	Not Listed
Isopropyl Alcohol	67-63-0	200 ppm	400 ppm
Surfactant	68412-54-4	Not Listed	Not Listed
Propylene Glycol	57-55-6	10 mg/m ³ Aerosol	10 mg/m ³ Aerosol
Sodium Saccharin	128-44-9	Not Listed	Not Listed
Cherry Flavor	Proprietary	Not Listed	Not Listed
Quaternary Amine	68391-01-5	Not Listed	Not Listed

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne mist/vapor/dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable.

If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Splash goggles or safety glasses with side shields recommended where splashing is possible. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Compatible chemical resistant gloves recommended to prevent skin contact. Wash hands after removing gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE & ODOR:	This product is a red liquid with a cherry odor.
ODOR THRESHOLD (PPM):	Not Available
VAPOR PRESSURE (mmHg):	Not Available
VAPOR DENSITY (AIR=1):	Not Available
EVAPORATION RATE (nBuAc = 1):	Not Available
BOILING POINT (C°):	100°C
FREEZING POINT (C°):	<0°C
pH:	8.0
SPECIFIC GRAVITY 25°C: (WATER =1)	0.9980
SOLUBILITY IN WATER (%):	Soluble



VOC: Not Available
REFRACTIVE INDEX: 1.3615

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product may contain carbon monoxide; carbon dioxide; and aldehydes.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong oxidizing and reducing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicity data not available for mixture:

CAS# 67-63-0: Isopropyl Alcohol

Acute Oral LD50: Rat 4,700 – 5,800 mg/kg

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT: This product contains ingredients that are considered a skin and respiratory sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No Data Available

GERM CELL MUTAGENICTY: This product does not contain ingredients that are suspected to be a germ cell mutagenic.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: No Data available at this time.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No Data available at this time.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No Data available at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, EU Member States and Japan.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

NOTE: This product may be reclassified per 49CFR173.120: A flammable liquid with a flash point at or above 38 °C (100 °F) that does not meet the definition of any other hazard class may be reclassified as a combustible liquid. This provision does not apply to transportation by vessel or aircraft, except where other means of transportation within USA.

For domestic highway transportation this product is "not regulated in containers of not more than 119 gallons" per 49CFR173.120.

BULK SHIPMENTS:

PROPER SHIPPING NAME: Flammable Liquid, n.o.s. (Contains Isopropyl Alcohol)

HAZARD CLASS NUMBER and DESCRIPTION: Class 3 Flammable Liquid

UN IDENTIFICATION NUMBER: UN1993

PACKING GROUP: PGIII

DOT LABEL(S) REQUIRED: Flammable Liquid Class 3

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): 128

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is classified by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15 - REGULATORY INFORMATION**UNITED STATES REGULATIONS**

SARA REPORTING REQUIREMENTS: This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: No Fire: Yes Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain ingredient(s) are on the California Proposition 65 list.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS:All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Classified per WHMIS 2015.

EUROPEAN ECONOMIC COMMUNITY INFORMATION:**EU LABELING AND CLASSIFICATION:**

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed
Australian Inventory of Chemical Substances (AICS):	Listed
Korean Existing Chemicals List (ECL):	Listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed
Swiss Giftliste List of Toxic Substances:	Listed
U.S. TSCA:	Listed



SECTION 16 - OTHER INFORMATION

Prepared By: Chris Eigbrett (MSDS to GHS Compliance)
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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Cetylite assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Cetylite assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.