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EMERGENCY: INFOTRAC 1-800-535-5053 24 HOURS/DAY, 7 DAYS/WEEK

This MSDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION I – IDENTIFICATION

Product Name: SpectraCut ME+
General or Generic ID: Micro Emulsion Semi-Synthetic Coolant
DOT Hazard Classification: Not applicable

SECTION II – COMPONENTS

Chemical Name: Biocide
CAS #: 4719-04-4
Wt % Less Than: 5%
TLV-TLW: No Data
Section 313: No

Chemical Name: Triethanolamine
CAS #: 000102-71-6
Wt % Less Than: 12%
TLV-TLW: 5 Mg/m³ Twa
Section 313: No

SECTION III – PHYSICAL DATA

Boiling Point: Approximately 100 ° C (212 ° F)
Vapor Pressure @ 25 ° C: No data
Freezing Point: - 4° C (25 ° F)
Specific Gravity: 1.045
Solubility in Water: Emulsifiable/dispersible
pH @ 25 ° C: 8.8
Decomposition Temperature: No data
Appearance: Clear liquid
Odor: Slight, sweet
Volatiles, % by Volume: 50-60%
Evaporation Rate: No data
Vapor Density: No data
Co-efficient of Oil/Water Distribution: No data
Bulk Density: 8.70 lbs./gal. @ 60 ° F

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point: None
Cup)

Test Method: (Cleveland Open

Autoignition Temperature: No data

Flammability Limits in Air (% by Vol.): Lower: N/D Upper: N/D

Extinguishing Media: Use carbon dioxide, dry chemical, and/or water spray for extinguishing media.

Fire Fighting Procedures: Use water to cool containers exposed to fire. Wear a self-contained breathing apparatus.

HMIS Codes: HEALTH – 1 FLAMMABILITY – 0 REACTIVITY – 0

SECTION V – HEALTH HAZARD INFORMATION

Effects of Overexposure:

Inhaled: If inhaled, may cause irritation to the throat, mucous membranes, upper respiratory tract, and lungs. Any irritation is expected to be transient with no permanent damage expected.

Skin: Contact with skin would be expected to cause slight irritation consisting of transient redness. The irritant effect would not result in permanent damage.

Eyes: Contact with eyes may cause irritation consisting of reversible redness, swelling, and mucous discharge to the conjunctiva. No corneal involvement or visual impairment would be expected.

Ingested: Ingestion of this product may cause irritation and gastrointestinal discomfort consisting of nausea, vomiting, lethargy, and/or diarrhea.

Routes of Absorption: Dermal, eye contact, ingestion, and inhalation.

FIRST AID:

Skin: Immediately flush with water for 15 minutes. Wash the contaminated skin with soap and water. If irritation develops, call a physician. If clothing comes in contact with the product, launder before re-use.

Eyes: Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting upper and lower eyelids. Contact a physician immediately.

Ingested: Immediately drink water to dilute. Consult a physician if symptoms develop.

Inhaled: This product is not toxic by inhalation. Remove individual to fresh air.

SECTION VI – REACTIVITY DATA

Conditions under which this Product may be Unstable:

Temperatures Above: 100 °C (212 °F)

Mechanical Shock or Impact: No

Electrical (static) Discharge: No

Hazardous Polymerization: Will not occur

Chemical Incompatibility: Strong oxidizers

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and oxides of phosphorous, oxides of nitrogen.

SECTION VII – PROTECTIVE EQUIPMENT

Respiratory Protection: None normally required. If vapors, mists or aerosols are generated, wear a NIOSH/MSHA approved respirator.

Respirator Type: NIOSH/MSHA approved organic vapor plus dust/mist filter respirator.

Ventilation: Local exhaust ventilation is recommended if mists or aerosols are generated. Otherwise use general exhaust ventilation.

Eye Protection: Use chemical goggles

Protective Gloves: Impermeable gloves

Protective Clothing: This includes impervious gloves, boots, apron, and protective suit.

SECTION VIII – SPILL/RELEASE PROCEDURES

Spill Mitigation Procedures: Evacuation procedures must be placed in effect. Utilize emergency response personal protective equipment prior to the start of any response. Stop source as soon as possible and notify appropriate personnel.

Air Release: Vapors may be suppressed by the use of water fog or spray. Contain all liquid for treatment or neutralization.

Water Release: This material has a density similar to and is dispersible in water. Notify all downstream water users of possible contamination. Divert water flow around spill if possible and safe to do so. If unable to divert, create an overflow dam to contain material. Continue to handle as described in land spill.

Land Spill: Create a trench to contain materials. Spill materials may be absorbed using sand, clay, earth or commercial absorbent. **DO NOT** place materials back in their original container. Decontaminate all clothing and the spill area using soap solution and flush with large amounts of water.

Spill Residues: Dispose of in accordance with all local, state and federal regulations.

Personnel Protection for Emergency Spill and Fire Fighting Situations: Additional protective clothing must be worn to prevent personal contact with this material. Those items include but are not limited to boots, gloves, and splash-proof goggles. Compatible materials for response to the material are neoprene, chlorinated polyethylene, polyvinyl chloride, butyl rubber, viton, polyvinyl alcohol, and saranex.

SECTION IX – SPECIAL PRECAUTIONS OR OTHER COMMENTS

Store in a cool, dry, well ventilated area. **DO NOT** store at temperatures above 60 °C (140° F). **DO NOT** allow product to come in contact with nitrites (product contains ethanalamines, which could lead to formation of nitrosamines, which have been shown to cause cancer in laboratory animals. This material is not regulated as a DOT hazardous material.

Prepared By: Aida B. Maxsam

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