

OCTAGON PROCESS -- DEICING FLUID SAE AMS 1424 TYPE I, 1002050 - DEICING FLUID
MATERIAL SAFETY DATA SHEET
NSN: 685000D007585
Manufacturer's CAGE: 82925
Part No. Indicator: A
Part Number/Trade Name: DEICING FLUID SAE AMS 1424 TYPE I, 1002050

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General Information

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Item Name: DEICING FLUID
Company's Name: OCTAGON PROCESS INC.
Company's Street: 596 RIVER ROAD
Company's City: EDGEWATER
Company's State: NJ
Company's Country: US
Company's Zip Code: 07020-1105
Company's Emerg Ph #: 201-945-9400/800-424-9300 (CHEMTREC)
Company's Info Ph #: 201-313-1187/FAX - 1057 (CAROL)
Safety Data Action Code: A
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 16AUG96
Safety Data Review Date: 28JUL98
Supply Item Manager: CX
MSDS Preparer's Name: J. J. BURGARD
MSDS Serial Number: CHKVX
Specification Number: UNKNOWN
Spec Type, Grade, Class: UNKNOWN
Hazard Characteristic Code: V5
Unit Of Issue Container Qty: UNKNOWN
Type Of Container: UNKNOWN
Net Unit Weight: UNKNOWN
NRC/State License Number: NOT RELEVANT

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 01
Percent: UNKNOWN
Ingredient Action Code: A
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: NOT RELEVANT
ACGIH TLV: NOT RELEVANT
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: PROPYLENE GLYCOL
Ingredient Sequence Number: 02
Percent: UNKNOWN
Ingredient Action Code: A
NIOSH (RTECS) Number: TY2000000
CAS Number: 57-55-6
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO

**Ingredient: TRADE SECRET COMPONENT/TRADE SECRET REGISTRY NUMBER
14866100000- 5014P**

Ingredient Sequence Number: 03

Percent: UNKNOWN

Ingredient Action Code: A

NIOSH (RTECS) Number: 1003232TS

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

Physical /Chemical Characteristics

Appearance And Odor: ORANGE LIQUID - ODORLESS

Boiling Point: 268F, 131C

Melting Point: UNKNOWN

Vapor Pressure (MM Hg/70 F): <0.1

Vapor Density (Air=1): UNKNOWN

Specific Gravity: 1.04

Decomposition Temperature: UNKNOWN

Evaporation Rate And Ref: <1 (N-BUTYL ACETATE=1)

Solubility In Water: COMPLETE

Viscosity: UNKNOWN

Radioactivity: NOT RELEVANT

Corrosion Rate (IPY): UNKNOWN

Fire and Explosion Hazard Data

Flash Point: 255F, 124C

Flash Point Method: COC

Lower Explosive Limit: UNKNOWN

Upper Explosive Limit: UNKNOWN

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS, IF NEEDED.

Unusual Fire And Expl Hazrds: NONE

Reactivity Data

Stability: YES

Cond To Avoid (Stability): NONE

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50- LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry - Inhalation: NO

Route Of Entry - Skin: NO

Route Of Entry - Ingestion: NO

MAY CAUSE IRRITATION. SKIN: NO ADVERSE EFFECTS ARE EXPECTED. INHALATION: NO ACCIDENTAL INGESTION MAY CAUSE SLIGHT STOMACH DISTRESS.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: IRRITATION, REDNESS, NAUSEA, VOMITING

Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST.

INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER.

ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 4-8 OZ OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF VOMITUS INTO LUNGS.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: PREVENT EYE CONTACT. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. SCRAPE SPILL UP INTO PROPER CONTAINERS FOR DISPOSAL. DO NOT FLUSH TO SEWER OR WATERWAYS. .

Neutralizing Agent: NOT RELEVANT

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. PRODUCT IS BIODEGRADABLE.

Precautions- Handling/Storing: STORE IN CLOSED CONTAINER, AWAY FROM STRONG OXIDIZING AGENTS.

Other Precautions: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT INHALE. DO NOT GET IN EYES OR ON SKIN.

Control Measures

Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: ADEQUATE

Protective Gloves: BUTYL RUBBER, PVC

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Suppl. Safety & Health Data: WHEN DEICING OR ANTI-ICING AIRCRAFT, USE A FACE SHIELD AND SLICKER SUIT.

Transportation Data

Transportation Action Code: A

Trans Data Review Date: 98209

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT/DoD Exemption Number: NOT RELEVANT

IMD PSN Code: ZZZ

IMD Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Disposal Data**Label Data**

Label Required: YES
Technical Review Date: 28JUL98
MFR Label Number: UNKNOWN
Label Status: F
Common Name: DEICING FLUID SAE AMS 1424 TYPE I, 1002050
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: TARGET ORGANS: EYES. ACUTE & CHRONIC- EYES: MAY CAUSE IRRITATION. SKIN: NO ADVERSE EFFECTS ARE EXPECTED. INHALATION: NO ADVERSE EFFECTS. ORAL: ACCIDENTAL INGESTION MAY CAUSE SLIGHT STOMACH DISTRESS. STORE AWAY FROM STRONG OXIDIZING AGENTS. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND/VERMICULITE. PLACE IN PROPER CONTAINERS FOR DISPOSAL. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 4-8 OZ OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION.
Protect Eye: Y
Protect Skin: Y
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Label Country: US
Label Emergency Number: 201-945-9400/800-424-9300(CHEMTREC)