

OCTAGON PROCESS INC. -- SAE/AMS 1424 (LATEST ISSUE) TY I

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MSDS Safety Information
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FSC: 6850
NIIN: 01-435-6471
MSDS Date: 10/26/2000
MSDS Num: CLBFN
Product ID: SAE/AMS 1424 (LATEST ISSUE) TY I
MFN: 01
Responsible Party
Cage: 82925
Name: OCTAGON PROCESS INC.
Address: 596 RIVER ROAD
City: EDGEWATER NJ
07020
Info Phone Number: 201-945-9400
Emergency Phone Number: 201-417-1056 (24HR)
Resp. Party Other MSDS No.: REV A

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Item Description Information
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Item Manager: S9G
Item Name: DEICING-DEFROSTING AND ANTI-ICING FLUID
Specification Number: SAE/AMS 1424C-99
Type/Grade/Class: TYPE I
Unit of Issue: GL
UI Container Qty: 1
Type of Container: BULK

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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Route Of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: NO
Effects of Exposure: EYE: MAY CAUSE STINGING SENSATION, REDNESS AND IRRITATION.
SKIN: NO ADVERSE EFFECTS ARE EXPECTED. INHALATION:NO ADVERSE EFFECTS ARE
EXPECTED WITH

NORMAL RECOMMENDED USE. AVOID INHALATION OF LARGE VOLUMES.

INGESTION: MAY CAUSE SLIGHT STOMACH DISTRESS.

Explanation Of Carcinogenicity: PRODUCT COMPONENTS ARE NOT CONSIDERED CARCINOGENIC BY IARC, NTP OR OSHA.

Signs And Symptoms Of Overexposure: EYE: MAY CAUSE STINGING SENSATION, REDNESS AND IRRITATION. SKIN: NO ADVERSE EFFECTS ARE EXPECTED. INHALATION: NO ADVERSE EFFECTS ARE EXPECTED WITH NORMAL RECOMMENDED USE. AVOID INHALATION OF LARGE VOLUMES. INGESTION: MAY CAUSE SLIGHT STOMACH DISTRESS.

Medical Condition Aggravated By Exposure: PREEXISTING EYE DISEASE MAY BE AGGRAVATED.

First Aid: EYES: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION. INHALATION: IF ADVERSE EFFECTS ARE NOTED, MOVE TO FRESH AIR AND CONTACT A PHYSICIAN. INGESTION: ADMINISTER 4-8 OZ. OF WATER TO DILUTE STOMACH CONTENTS. DO

NOT INDUCE VOMITING-THE POTENTIAL OF DANGER TO LUNGS IS GREATER THAN THE POISONING HAZARD. GET MEDICAL ATTENTION.

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Handling and Disposal
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Spill Release Procedures: PRODUCT IS SLIPPERY WHEN SPILLED. SPREAD GRANULAR COVER ON AREA. CONTAIN SPILL/MINIMIZE DISPERSION. COMPLY WITH ALL SPILL NOTIFICATION REGULATIONS. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER (REFER TO 29CFR19 10.120).

Waste Disposal Methods: PRODUCT IS BIODEGRADABLE. DISPOSE OF WASTE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLE WASTE WHERE APPLICABLE.

Handling And Storage Precautions: STORE IN COOL DRY PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. PROTECT PRODUCT FROM HIGH MOISTURE PICKUP.

Other Precautions: USE PRODUCT ONLY AS RECOMMENDED.

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Fire and Explosion Hazard Information
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Flash Point Method: COC

Flash Point: =123.9C, 255.F

Extinguishing Media: PRODUCT DOES NOT BURN.

Fire Fighting Procedures: KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER SPRAY TO AVOID PRESSURE BUILDUP AND POTENTIAL RUPTURE. WEAR CHEMICAL RESISTANT CLOTHING AND NIOSH/MSHA APPROVED SCBA(AS RECOMMENDED BY NFPA).

Unusual Fire/Explosion Hazard: NONE

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Control Measures
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piratory Protection: NOT REQUIRED WITH NORMAL RECOMMENDED USE. PROTECT AGAINST INHALATION OF LARGE VOLUMES OF MIST DURING APPLICATION.
Ventilation: PROVIDE LOCAL FORCED AIR VENTILATION IF USED IN CLOSED AREAS.
Protective Gloves: RUBBER OR PVC
Eye Protection: CHEMICAL GOGGLES
Other Protective Equipment: WEAR APPROPRIATE CLOTHING TO PREVENT CONTACT. WHEN DEICING AIRCRAFT, WEAR FULL FACE SHIELD AND SLICKER SUIT. PROVIDE LOCAL EYEWASH AND EMERGENCY SHOWER STATIONS.
Work Hygienic Practices: ALL
USERS SHOULD CONSULT THE MSDS BEFORE HANDLING THIS PRODUCT.
Supplemental Safety and Health: SYNONYMS: TYPE I DEICING FLUID SAE/AMS 1424 SAE/AMS 1424C-99TYI.

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Physical/Chemical Properties
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HCC: V6
Boiling Point: =131.1C, 268.F
Vapor Pres: <0.1
Vapor Density: N/D
Spec Gravity: 1.04
Solubility in Water: COMPLETE
Appearance and Odor: ORANGE ODORLESS LIQUID
Percent Volatiles by Volum
e: 98%

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HIGH TEMPERATURES
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomposition Products: INCOMPLETE COMBUSTION MAY PRODUCE CARBON MONOXIDE

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Toxicological Information
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Toxicological Informat
ion: PRODUCT IS NON TOXIC.

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Ecological Information
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Ecological: PRODUCT IS BIODEGRADABLE.

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MSDS Transport Information
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Transport Information: DOT INFORMATION: NOT REGULATED.

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Regulatory Information
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Sara Title III Information: PRODUCT IS NOT REGULATED UNDER SARA III SECTION 313
SUPPLIER NOTIFICATION REQUIREMENTS.

Federal Regulatory Information: ALL COMPONENTS ARE LISTED ON THE TSCA NVENTORY.

State Regulatory Information: NEW JERSEY RIGHT TO KNOW INFORMATION: 07732-18-5
WATER, 00057-55-6 PROPYLENE GLYCOL, NJ TRADE SECRET REGISTRY NUMBER
14866600000-5014.

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Other Information
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Other Information: NONE
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Transportation Information
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Responsible Party Cage: 82925

Trans ID NO: 156449

Product ID: SAE/AMS 1424 (LATEST ISSUE) TY I

MSDS Prepared Date: 10/26/2000

Review Date: 03/29/2001

MFN: 1

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 1

Type Of Container: BULK
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Detail DOT
Information
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: SAE/AMS 1424 (LATEST ISSU

E) TY I
Cage: 82925
Company Name: OCTAGON PROCESS INC.
Street: 596 RIVER ROAD
City: EDGEWATER NJ
Zipcode: 07020
Health Emergency Phone: 201-417-1056 (24HR)
Label Required IND: Y
Date Of Label Review: 03/29/2001
Status Code: A
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. EYE: MAY CAUSE STINGING SENSATION,

REDNESS AND IRRITATION. SKIN: NO ADVERSE EFFECTS ARE EXPECTED. INHALATION:NO ADVERSE EFFECTS ARE EXPECTED WITH NORMAL RECOMMENDED USE. AVOID INHALATION OF LARGE VOLUMES. INGESTION: MAY CAUSE SLIGHT STOMACH DISTRESS.

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