

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: &lt;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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