View NSN Online: https://aerobasegroup.com/nsn/6850-01-160-3868

OCTAGON PROCESS INC. -- MIL-A-53009 AM. 3 ANTIFREEZE EXTENDER -- 6850-01-160-3868

Product ID:MIL-A-53009 AM. 3 ANTIFREEZE EXTENDER

MSDS Date:12/13/1991

FSC:6850

NIIN:01-160-3868

MSDS Number: BRDKY === Responsible Party ===

Company Name: OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105 Country:US

Info Phone Num:201-313-1187

Emerge

ncy Phone Num:201-945-9400/800-424-9300(CHEMTREC)

Preparer's Name: J.J. BURGARD

CAGE:82925

=== Contractor Identification ===

Company Name: OCTAGON PROCESS INC.

Address:596 RIVER ROAD Box:City:EDGEWATER

State:NJ ZIP:07020 Country:US

Phone:201-945-9400

CAGE:82925

======= Composition/Information on Ingredients ========

Ingred Name: SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000 Fraction by Wt: 3-5%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 929

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name: SODIUM TETRABORATE, ANHYDROUS

CAS:1330-43-4

RTECS #:VZ2240000

Other REC Limits: NONE RECOMMENDED

OSHA PEL:10 MG/M3 ACGIH TLV:1 MG/M3; 9293

Ingred Name: SODIUM MERCAPTOBENZOTHIAZOLE

CAS:2492-26-4 RTECS #:DL6825000

Other REC Limits: NONE RECOMMENDED

Ingred Name:POTASSIUM SILICATE

CAS:1312-76-1

Other REC Limits: NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits: NONE RECOMMENDED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: CONTACT MAY CAUSE EYE AND SKIN

IRRITATION. INHALATION MAY CAUSE UPPER RESPIRATORY TRACT

IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL SYSTEM IRRITATION.

CHRONIC: NONE SPECIFIED BY MANUFACTUR ER.

Effects of Overexposure: EYES/SKIN: REDNESS, IRRITATION, BURNS.

INHALATION: IRRITATION AND BURNS TO

UPPPER RESPIRATORY SYSTEM,

COUGHING, SHORTNESS OF BREATH. INGESTION: PAIN, NAUSEA, VOMITING,

GASTROINTESTINAL IRRITATION.

Medical Cond Aggravated by Exposure: NOT KNOWN.

First Aid:EYES/SKIN: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. GET IMMEDIATE MEDICAL ATTENTION. I NGESTION: GIVE 1 GLASS OF MI

MEDICAL ATTENTION. Flash Point:NONE Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. Unusual Fire/Explosion Hazard:NONE ======== Accidental Release Measures ============= Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. NEUTRALIZE WITH MURIATIC OR ACETIC ACID. ABSORB WITH INERT MATERIAL AND PLACE IN APPROPIATE DISPOSAL CONTAINER FOR DISPOSAL, FLUSH AREA WITH LARGE AMOUNTS OF WATER. Neutralizing Agent: DILUTED MURIATIC OR ACETIC ACIDS. ============ Handling and Storage =========================== Handling and Storage Precautions: STORE IN COOL DRY PLACE AWAY FROM OXIDIZERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. Other Precautions: THIS MATERIAL IS CORROSIVE (ALKALINE). AVOID EYE/SKIN CONTACT AND PROLONGED AND/OR REPEATED BREATHING OF VAPORS. ===== Exposure Controls/Personal Protection ======== Respiratory Protection: FOR MISTS CONDITIONS, USE A NIOSH-APPROVED RESPIRATOR FOR MISTS. Ventilation: MECHANICAL (GENERAL) VENTILATION AND/OR LOCAL EXHAUST THAT WOULD PROVIDE ADEQUATE VENTILATION. Protective Gloves: RUBBER OR NEOPRENE. Eye Protection: GOGGLES, AND FACESHIELD IF SPLASHING. Other Protective Equipment: APRON. EYE WASH STATION AND SAFETY SHOWER. Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE SMOKING OR EATING.LAUNDER CONTAMINATED CLOTHING.DISCARD CONTAMINATED SHOES. Supplemental Safety and Health NONE ========== Physical/Chemical Properties ===================== HCC:B3 Boiling Pt:B.P. Text:212F,100C Spec Gravity:1.2 pH:12 Solubility in Water: COMPLETE Appearance and Odor: CLEAR LIQUID SOLUTION, PRACTICALLY ODORLESS. ======== Stability and Reactivity Data

LK OR WATER. GET IMMEDIATE

===========

Stability Indicator/Materials to Avoid:YES STRONG ACIDS, STRONG OXIDIZERS. Stability Condition to Avoid:NONE Hazardous Decomposition Products:NONE

======= Disposal Considerations ===========

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.