

MORTON INTL SPECIALTY CHEMICAL -- AUTOMATE RED BSF

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MSDS Safety Information  
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FSC: 6820  
NIIN: 00-926-8887  
MSDS Date: 01/13/1995  
MSDS Num: CDZWB  
Product ID: AUTOMATE RED BSF  
MFN: 01  
Responsible Party  
Cage: 32063  
Name: MORTON INTL INC SPECIALTY CHEMICALS GROUP  
Address: 333 W WACKER DR  
City: CHICAG  
O IL 60606-1218  
Info Phone Number: 312-807-2000  
Emergency Phone Number: 312-807-2000  
Preparer's Name: DAVID WIENCKOWSKI  
Proprietary Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 60777  
Name: CHEMICAL COMMODITIES AGENCY, INC.  
Address: 27447 PACIFIC STREET  
City: HIGHLAND CA 92346-2640  
Phone: 909-864-2310  
Cage: 32063  
Name: MORTON INTL INC SPECIALTY CHEMICALS GROUP  
Address: 333 W WACKER DR  
City: CHICAGO IL 60606-1218  
Phone: 312-807-2000  
Cage: 6E149  
Name: MORTON THIOKOL INC MORTON SALT DIV  
Address: 7380 CENTRAL AVENUE  
City: NEWARK CA 94560-4208  
Phone: UNKNOWN

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Item Description Information  
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Item Manager: S9G  
Item Name: DYE,LEAK DETECTION,AIRCRAFT FUEL SYSTEM  
Specification Number: MIL-D-81298  
Type/Grade/Class: 1 TYPE  
Unit of Issue: BT  
Quantitative Expression: 0000000002OZ  
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I Container Qty: B  
Type of Container: BOTTLE

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS 4300 MG/M3

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP:

NO

IARC: NO

OSHA: NO

Effects of Exposure: CONTACT MAY CAUSE SKIN & EYE IRRITATION. INHALATION  
MAY CAUSE RESPIRATORY IRRITATION, CNS/ANESTHETIC/NARCOTIC EFFECTS. INGESTION  
MAY BE HARMFUL; MAY CAUSE CNS EFFECTS, GI TRACT IRRITATION; POSSIBLE AS  
PIRATION HAZARD. CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE DERMATITIS.

Explanation Of Carcinogenicity: PRODUCT CONTAINS NO INGREDIENTS CURRENTLY  
CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Signs And Symptoms Of Overexposure: INHALATIO

N-DIZZINESS, HEADACHE,

INCOORDINATION, NAUSEA, VOMITING, WHEEZING, COUGHING, SHORTNESS OF BREATH,  
TIGHTNESS IN CHEST. INGESTED-NAUSEA, VOMITING, PAIN, DIARRHEA, DIZZINESS,  
FAINTNESS, HEADACHE , INCOORDINATION. SKIN-REDNESS, ITCHING, BURNING  
SENSATION. EYES-BURNING SENSATION, TEARING, REDNESS.

Medical Cond Aggravated By Exposure: LIVER, KIDNEYS, BLOOD & BLOOD-FORMING  
ORGANS, LUNGS & RESPIRATORY SYSTEM, SKIN.

First Aid: IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FO

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MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER.  
INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RE SPIRATION AS  
NEEDED. INGESTED-INDUCE VOMITING, AS DIRECTED BY MEDICAL PERSONNEL. NOTE TO  
PHYSICIAN: TREATMENT SHOULD BE DIRECTED AT PREVENTING ABSORPTION &  
ADMINISTERING TO SYMPTOMS.

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Handling and Disposal  
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Spill Release Procedures

: ISOLATE & DENY ENTRY. ELIMINATE ALL SOURCES OF IGNITION. SAFELY STOP DISCHARGE. CONTAIN MATERIAL. KEEP OUT OF SEWERS & BODIES OF WATER; PREVENT CONTAMINATING SOIL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE-SCBA, ETC). ABSORB & PLACE IN A CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. REPORTING OF SPILLS: SPILLS IN EXCESS OF COMPONENT'S RQ MUST BE REP

ORTED TO 800-424-8802/STATE & LOCAL OFFICIALS:

XYLENE RQ=100LBS; ETHYL BENZENE RQ=1000LBS.

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions: CONTAINERS SHOULD BE BONDED & GROUNDED BEFORE OPENING, DISPENSING, MIXING, POURING AND EMPTYING. OPEN WITH NON-SPARKING TOOLS. IF CONTAINER IS WARM, OPEN SLOWLY TO RELEASE INTERNAL PRESSURE.

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Fire and Explosion Hazard Information  
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Flash Point Method: SCC

Flash Point Text: 83.0F, 28.3C

Lower Limits: 1.0 %

Upper Limits: 7.0 %

Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:

HIGH TEMPERATURES CAN CAUSE SEALED CONTAINERS TO RUPTURE DUE TO A BUILD-UP OF PRESSURE. VAPORS CAN TRAVEL TO AN IGNITION SOURCE AND FLASH BACK.

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Control Measures  
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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED.

USE IAW 29 CFR 1910.134.

Ventilation: LOCAL EXHAUST VENTILATION RECOMMENDED.

Protective Gloves: IMPERVIOUS-NITRILE, PVA, VITON.

Eye Protection: SAFETY GLASSES OR SPLASH-PROOF GOGGLES.

Other Protective Equipment: IMPERVIOUS CLOTHING, EYE WASH FOUNTAIN, QUICK DRENCH SHOWER

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

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Physical/Chemical Properties

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HCC: F4  
B.P. Text: 279F,137C  
M.P/F.P Text: UNKNOWN  
Decomp Text: UNKNOWN  
Vapor Pres: 5.10  
Vapor Density: UNKNOWN  
Spec Gravity: 0.99  
Viscosity: UNKNOWN  
Evaporation Rate & Reference: 9.5 (ETHYL ETHER=1)  
Solubility in Water: INSOLUBLE  
Appearance and Odor: DARK RED LIQUID; AROMATIC ODOR.  
Percent Volatiles by Volume: 35  
Corrosion Rate: UNKNOWN  
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Reactivity Data

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Stability Indicator: YES  
Stability Condition To Avoid: HIGH TEMPERATURES.  
Materials To Avoid: OXIDIZERS, REDUCING AGENTS, ACIDS. MAY REACT WITH REDUCING AGENTS TO LIBERATE FREE AMINES.  
Hazardous Decomposition Products: SMOKE, SOOT & TOXIC/IRRITATING FUMES (CARBON MONOXIDE AND CARBON DIOXIDE, ETC). OXIDES OF NITROGEN.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.  
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Toxicological Information

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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 32063  
Trans ID NO: 92484  
Product ID: AUTOMATE RED BSF  
MSDS Prepared Date: 01/13/1995  
Review Date: 07/30/1997  
MFN: 1  
Net Unit Weight: 2 OUNCES  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: BT  
Container QTY  
: B  
Type Of Container: BOTTLE  
Additional Data: PSN IS PER MFR MSDS.

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Detail DOT Information  
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DOT PSN Code: PWS  
DOT Proper Shipping Name: XYLENES  
Hazard Class: 3  
UN ID Num: UN1307  
DOT Packaging Group: III  
Label: FLAMMABLE LIQUID  
Special Provision: B1,T1  
Packaging Exception: 150  
Non Bulk Pack: 203  
Bulk Pack: 242  
Max Qty Pass: 60 L  
Max Qty Cargo: 220 L  
Vessel Stow Req: A

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Detail IMO Information  
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IMO PSN Code: PPF  
IMO Proper Shipping Name: XYLENES  
IMDG Page Number: 3394  
UN Number: 1307  
UN Hazard Class: 3.3  
IMO Packaging Group: III  
Subsidiary Risk Label: -  
EMS Number: 3-07  
MED First Aid Guide NUM: 310

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Detail IATA Information  
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IATA PSN Code: ZPL  
IATA UN ID Num: 13

07  
IATA Proper Shipping Name: XYLENES  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: III  
Packing Note Passenger: 309  
Max Quant Pass: 60L  
Max Quant Cargo: 220L  
Packaging Note Cargo: 310

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Detail AFI Information  
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AFI PSN Code: ZPL  
AFI Proper Shipping Name: XYLENES  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1307  
AFI Packing Group: III  
Special Provisions: P5  
Back Pack Reference: A  
7.3

=====  
HAZCOM Label  
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Product ID: AUTOMATE RED BSF  
Cage: 32063  
Company Name: MORTON INTL INC SPECIALTY CHEMICALS GROUP  
Street: 333 W WACKER DR  
City: CHICAGO IL  
Zipcode: 60606-1218  
Health Emergency Phone: 909-864-2310  
Label Required IND: Y  
Date Of Label Review: 07/30/1997  
Status Code: C  
Label Date: 07/30/1997  
Year Procured: 1997  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IN  
D: YES  
Signal Word: DANGER  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions: CONTACT MAY CAUSE SKIN & EYE IRRITATION. INHALATION  
MAY CAUSE RESPIRATORY IRRITATION, CNS/ANESTHETIC/NARCOTIC EFFECTS. INGESTION  
MAY BE HARMFUL; MAY CAUSE CNS EFFECTS, GI TRACT IRRITATION; POSSIBLE AS  
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NUTES.

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INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-INDUCE VOMITING, AS DIRECTED BY MEDICAL PERSONNEL. TARGET ORGANS: LIVER, KIDNEYS, NERVOUS SYSTEM, BLOOD/BLOOD-FORMING ORGANS, LUNGS, SKIN.

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