

MORTON INTL INC SPECIALTY CHEMICALS GROUP -- AUTOMATE RED BSF -- 6820-00-001-4192

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Product Identification  
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Product ID:AUTOMATE RED BSF

MSDS Date:12/18/1995

FSC:6820

NIIN:00-001-4192

MSDS Number: BYSBX

=== Responsible Party ===

Company Name:MORTON INTL INC SPECIALTY CHEMICALS GROUP

Address:100 N. RIVERSIDE PLAZA

City:CHICAGO

State:IL

ZIP:60606-1598

Country:US

Info Phone Num:312-807-3273

OR 312-807-3422 (MSDS)

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:DAVID WIENCKOWSKI

CAGE:32063

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:MORTON INTL INC SPECIALTY CHEMICALS GROUP

Address:333 W WACKER DR

City:CHICAGO

State:IL

ZIP:60606-1218

Country:US

Phone:312-807-2000

CAGE:32063

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Composition/Information  
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on Ingredients =====

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 28%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:C.I. SOLVENT RED 164

CAS:71819-51-7

Fraction by Wt: 65%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYL BENZENE (SARA 313)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:

100 PPM

ACGIH TLV:100 PPM/125STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:NON-HAZARDOUS INGREDIENTS

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:INHALATION MAY CAUSE RESPIRATORY IRRITATION & CNS

DEPRESSION.INGESTION MAY CAUSE GI TRACT

IRRITATION.CAUSES EYE & SKIN IRRITATION.CONTAINS MATERIAL WHICH MAY CAUSE LIVER & KIDNEY DAMAGE.CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE DAMAGE TO LIVER,KIDNEY,CNS,BLOOD/BLOOD-FORMING ORGANS,LUNGS,SKIN,EYES.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of

Overexposure:INHALED-DIZZINESS,HEADACHES,INCOORDINATION,NAUSEA,VOMITING

,STOMACH UPSET,WHEEZING,COUGHING,SHORTNESS OF BREATH,TIGHTNESS  
IN CHEST.INGESTED-IRRITATION OF  
MOUTH/THROAT/STOMACH,NAUSEA,VOMITING,DIARRHEA,D  
IZZINESS,FAINTNESS,HEADACHE,INCOORDINATION.SKIN-REDNESS,ITCHING,BUR  
NING SENSATION.EYES-BURNING SENSATION,TEARING,REDNESS  
Medical Cond Aggravated by Exposure:LIVER, KIDNEYS, NERVOUS SYSTEM,  
BLOOD/BLOOD-FORMING ORGANS, LUNGS, RESPIRATORY SYSTEM, SKIN.

===== First Aid Measures =====

First Aid:IN AL

L CASES GET PROMPT MEDICAL ATTENTION. EYES-FLUSH WITH  
WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH  
MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN  
OR ARTIFI CIAL RESPIRATION AS NEEDED. INGESTED-INDUCE VOMITING ONLY  
IF DIRECTED BY MEDICAL PERSONNEL. DO NOT GIVE ANYTHING BY MOUTH IF  
UNCONSCIOUS.

===== Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:83.0F,28.3C

Lower Limits:1

Upper Limits:

7

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
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 MAY CAUSE CONTAINERS TO  
RUPTURE. VAPORS CAN TRAVEL TO SOURCE OF IGNITION AND FLASH BACK.  
FIRE MAY PRODUCE IRRITATING & HIGHLY TOXIC GASES.

===== Accidental Release Measures

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Spill Release Procedures:ISOLATE HAZARD AREA.DENY ENTRY.ELIMINATE ALL  
SOURCES OF IGNITION.SAFELY STOP DISCHARGE.CONTAIN SPILL.KEEP OUT OF  
BODIES OF WATER & KEEP OUT OF SOIL.USE PROPER PROTECTIVE  
EQUIPMENT.COVER WITH ABSORBENT .COLLECT IN CHEMICAL WASTE  
CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED  
PLA

CE AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS.

KEEP OUT OF DIRECT SUNLIGHT.

Other Precautions:CONTAINERS WILL BE PROPERLY BONDED & GROUNDED BEFORE OPENING, POURING, DISPENSING. OPEN WITH NON-SPARKING TOOLS. PRODUCT MAY CONTAIN TRACE QUANTITIES OF AROMATIC AMINES, ORTHO-TOLUIDINE & ANILINE-MINI MIZE EXPOSURE BY PROPER HANDLING.

===== Exposure Controls/Personal Protection =====

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:USE EXPLOSION-PROOF LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:IMPERVIOUS-NEOPRENE, PVA, VITON.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,

DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

EMPTY CONTAINER WARNING: THIS CONTAINER HAZARDOUS WHEN EMPTY! FOLLOW LABEL WARNINGS, EVEN AFTER CONTAINER EMPTY, DUE TO PRODUCT RESIDUES PRESENT. DO NOT USE HEAT, SPRAYS, OPEN FLAMES, TORCHES, CIGARETTES ON OR NEAR CONTAINERS. DO NOT REUSECONTAINER, W/O PROFESSIONAL CLEANING, FOR FOOD, CLOTHING, ETC.

===== Physical/Chemical Properties =====

HCC:

F3

Boiling Pt:B.P. Text:279F,137C

Vapor Pres:5.1

Spec Gravity:0.99

Evaporation Rate & Reference:9.5 (ETHYL ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED, DARK LIQUID; AROMATIC ODOR.

Percent Volatiles by Volume:65

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, REDUCERS, ACIDS, MAY REACT WITH REDUCING AGENTS TO LIBERATE FREE AMINE(S).

Stability Condition to Avoid:HIGH TEMPERATURES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,  
SMOKE, SOOT, OXIDES OF NITROGEN.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSE OF IAW LOCAL, STATE & FEDERAL  
ENVIRONMENTAL REGULATIONS. EPA HAZWASTE NUMBER D001 MAY APPLY TO  
UNUSED/UNCONTAMINATED. SPILLS MUST BE REPORTED IAW CERCLA TO  
NATIONAL RESPONSE CENTER AT 800-424- 8802: XYLENE RQ=100 LB; ETHYL  
BENZEN  
E RQ=1000 LB.

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