

MORTON INTERNATIONAL -- ACTIVATOR A -- 8030-00-929-9495

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Product Identification
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Product ID:ACTIVATOR A

MSDS Date:10/30/1989

FSC:8030

NIIN:00-929-9495

MSDS Number: BLYZJ

=== Responsible Party ===

Company Name:MORTON INTERNATIONAL

Address:333 W WACKER DR

City:CHICAGO

State:IL

ZIP:60606-1292

Country:US

Info Phone Num:312-807-3212;312-807-2000

Emergency Phone Num:815-338-1800

Preparer's Na

me:DAVID B. WIENCKOWSKI

CAGE:DO471

=== Contractor Identification ===

Company Name:MORTON INTERNATIONAL; SPECIALTY CHEM GRP

Address:333 WEST WACKER

City:CHICAGO

State:IL

ZIP:60606-1292

Phone:815-338-1800

CAGE:DO471

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 on Ingredients
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Ingred Name:DIETHYLENETRIAMINE; (2,2'-DIAMINODIETHYLENEAMI

NE)
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt: 100%
OSHA PEL:1 PPM
ACGIH TLV:1 PPM, S

Ingred Name:SUPP DATA:CONTAMD CLTHG & SHOES. CLEANSE SKIN W/MILD SOAP &
H*2O, INCUDING HAIR & UNDER FINGERNAILS, GET IMMED (ING 3)
RTECS #:9999999ZZ

Ingred Name:ING 2: MED ATTN. WASH CONTAMD CLTHG BEFORE REUSE. INHAL:
REMOVE TO FRESH AIR. IF SYMPS DEVEL,SEEK IMMED MED ATTN.(ING 4)
RTECS #:9999999ZZ

Ingred Name:ING 3: IF NOT BRTHG, GIVE ARTF RESP, PREF MOUTH-MOUTH.
INGEST: DO NOT INDUCE VOMIT.
CALL A POISON CNTRL, EMERG (ING 5)
RTECS #:9999999ZZ

Ingred Name:ING 4: ROOM/MD. RINSE MOUTH W/COPIOUS AMTS OF WATER & GIVE
2 CUPS OF H*2O TO DRINK. NOTE TO MD. CORR MATL THAT (ING 6)
RTECS #:9999999ZZ

Ingred Name:ING 5:MAY CAUSE BURNS OF MOUTH/PHARYNX/ESOPHAGUS/STOMACH.
DANGER OF HEMORRHAGE & PERFORATION IF LAVAGE IS PERFORMED.
RTECS #:9999999ZZ

Ingred Name:SPILL PROC:FULLER'S EARTH, CLAY/OTHER APPROPRIATE SYNTHETIC
ABSORBENT. PLACE CONTAMD MATL IN A SUITABLE CNTNR (ING 8)
RTECS
#:9999999ZZ

Ingred Name:ING 7: FOR FURTHER HANDLING & DISP. APPROP SAFETY MEASURES
& PROTECTIVE EQUIPMENT SHLD BE USED. DO NOT FLUSH TO (ING 9)
RTECS #:9999999ZZ

Ingred Name:ING 8: SEWER, STREAM, OR OTHER BODIES OF WATER UNLESS
AUTHORIZED TO DO SO BY APPROPRIATE GOVERNMENT OFFICIAL.
RTECS #:9999999ZZ

Ingred Name:RESP PROT:HIGH AIRBRNE CONC MAY NECESSITATE USE OF
SCBA/SUPPLIED AIR RESP. RESP PROT PROGRAMS MUST BE IN (ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10: COMPLIANCE WITH

29 CFR 1910.134.
RTECS #:9999999ZZ

Ingred Name:VENT: VENT IS RECOMMENDED WHEN VAPORS, MISTS, OR DUSTS CAN BE RELEASED.
RTECS #:9999999ZZ

Ingred Name:ING 12: CONTAMD CLTHG AND SHOES SHOULD BE THOROUGHLY CLEANED AND DRIED BEFORE REUSE.
RTECS #:9999999ZZ

Ingred Name:ING 13: FURTHER GUIDANCE IS REQUIRED.
RTECS #:9999999ZZ

Ingred Name:HYGIENE PRAC: CONTAMD CLTHG & SHOES SHOULD BE THORO CLEANED AND DRIED BEFORE REUSE.
RTECS #:9999999ZZ

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CORROSIVE! EYES: CONTACT CAN CAUSE BURNS & SEVERE DMG TO OCULAR TISSUES. VAPS/MISTS CAN CAUSE DMG TO CORNEA AND OTHER OCULAR TISSUES. SKIN: DERMAL CONTACT CAN CAUSE SKIN BURNS. CONTACT W/SKIN CAN LEAD TO DEVEL OF HYPERSENSITIVITY(I.E., ALLERGY) IN SUSCEPTIBLE INDIVIDUA

LS. INHAL:

CAN CAUSE IRRIT TO (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ: NOSE/THROAT & UPPER RESPIRATORY TRACT. CAN CAUSE WHEEZING, COUGHING, SHORTNESS OF BREATH, AND FEELING OF TIGHTNESS IN CHEST. EXPOS BY INHAL CAN RSLT IN DEVEL OF A RESP HYPERSENSITIVITY(I.E., ALLERGY) IN SUSCEPTIBLE INDIVIDUALS. INGEST: INGEST CAUSES SEVERE IRRIT OF MOUTH, THROAT, & ESOPHAGUS.(SUPP DATA)

Medical Cond Aggravated by Exposure:SOME COMP ONENTS MAY AGGRAVATE

EXISTING MED CNDTNS; INDIVIDUAL'S W/MED CNDTNS INVOLVING FOLLOWING ORGANS SHLD TAKE APPROP PRECS WHEN HNDLG PROD:LIVER/KIDNEY/RESP SYS/SKIN/IMMUNE SYS/CHEM ALLERGIES.

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

First Aid:IF PERS IS DROWSY/UNCON, DO NOT GIVE ANYTHING BY MOUTH/LEAVE ALONE. NEVER GIVE ANYTHING TO DRINK TO A PERS WHO IS CONVULSING/HAS NO GAG REFLEX. LOOSEN TIGHT FITTING CLTHG, CLEAR AIRWAY, KEEP PERS WARM . EYES

: IMMEDIATE FLUSH EYE WITH STEADY STREAM OF WATER FOR AT LEAST 15 MINS, WHILE LIFTING EYELIDS FREQUENTLY. IMMEDIATE MEDICAL ATTENTION IS ESSENTIAL.
SKIN: IMMEDIATE FLUSH AFFECTED AREA WITH WATER FOR AT LEAST 15 MIN.(SUPPORT DATA)

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

Flash Point Method: SCC
Flash Point: >200F, >93C
Extinguishing Media: SMALL FIRES: USE DRY CHEMICAL, CO₂, HALON, WATER SPRAY/FOAM. LARGE FIRES: USE WATER SPRAY, FOG, OR ALCOHOL FOAM.
Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA AND FULL PROTECTIVE EQUIPMENT. WATER MAY CAUSE FROTHING.
Unusual Fire/Explosion Hazard: MAY LIBERATE IRRITATING VAPORS DURING COMBUSTION OR DECOMPOSITION.

===== Accidental Release Measures =====

Spill Release Procedures: STOP DISCHARGE & CONTAIN SPILL/CONTAMINATED MATERIAL USING A DIKE/BARRIER. IF A SUBSTANTIAL QUANTITY IS SPILLED & CAN BE PUMPED, RECOVER WITH PUMPING EQUIPMENT/VACUUM TRUCK. EXPLOSION-PROOF EQUIPMENT SHOULD BE USED IF PRODUCT IS FLAMMABLE/COMBUSTIBLE. USE AN ABSORBENT SUCH AS (INGREDIENT 7)
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED AREA. DO NOT STORE ABOVE 86F. FOLLOW GOOD MANUFACTURING AND HANDLING PRACTICES.
Other Precautions: THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY, BECAUSE IT CAN RETAIN PRODUCT RESIDUES. THEREFORE, DO NOT REUSE CONTAINER FOR FOOD, CLOTHING/PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT MAY OCCUR.

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

Respiratory Protection: AVOID BREATHING VAPOR/MIST. WHEN ESTABLISHED AIRBORNE EXPOSURE LIMITS ARE SURPASSED. WEAR NIOSH/MSHA APPROVED EQUIPMENT. DETERMINE APPROPRIATE TYPE EQUIPMENT FOR SPECIFIC APPLICATION BY CONSULTING RESPIRATORY MANUFACTURER. OBSERVE RESPIRATORY USE LIMITS SPECIFIED BY NIOSH/MSHA OR MANUFACTURER. (INGREDIENT 10)
Ventilation: MAIN AIRBORNE CONCENTRATION < ESTABLISHED EXPOSURE LIMITS BY PROVIDING ADEQUATE VENTILATION. GENERAL VENTILATION MAY BE ACCEPTABLE

LE. LOC EXHST (ING 12)

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEM WORK GOGS W/FULL LNGTH FCSHLD

Other Protective Equipment:EYEWASH FACILITY SHOULD BE READILY AVAILABLE. RUBBER BOOTS, APRON, PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, EXPECIALLY BEFORE EATING, DRINKING, SMOKING OR USING RESTROOM FACILITIES. (ING 15)

Supplemental Safety and Health

EFTS OF OVEREXP:EYES:CAN CAUSE NAUSEA, VOMITING & GI UPSET(E.G., DIARRHEA). DEPENDING ON

ROUTE,FREQ, & DURATION OF EXPOS, TOX, MAY

OCCUR IN FOLLOWING ORGANS &/SYSTEMS: LIVER, KIDNEY, RESP SYSTEM, EYE, SKIN, IMMUNE SYSTEM(E.G., ALLERGIC REACTIONS). FIRST AID

PROC: FOR LGE EXPOS, USE AN EMERG SHOWER. REMOVE (ING 2)

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

Boiling Pt:B.P. Text:398F,203C

Vapor Pres:1

Vapor Density:3.56

Spec Gravity:0.95

Solubility in Water:COMPLETE

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:

1

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, STRONG ACIDS, WATER, CHEMICALLY ACTIVE METALS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:THERMAL DECOMP: AMINES, OXIDES OF NITROGEN, SMOKE, SOOT, & TOXIC FUMES (CO*2, CO).

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

Waste Disposal Methods:IF DISCARDED IN ORIGNIAL UNUSED FORM, PROD

EXHIBITS CHARACT OF RCRA HAZ WASTE AS DEFINED UNDER 40 CFR 261.22 (I.E., CORROSIVE-D002) THEREFORE MUST BE MANAGED (STORED, TREATED, DISPOSED, ETC) AT PROPER LY PERMITTED FACILITY, IN COMPLIANCE (ING 13)

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