

MORTON INTERNATIONAL, INC -- A-661, PART B -- 8040-01-342-1511

===== Product Identification =====

Product ID:A-661, PART B

MSDS Date:02/04/1991

FSC:8040

NIIN:01-342-1511

Kit Part:Y

MSDS Number: BSGJH

=== Responsible Party ===

Company Name:MORTON INTERNATIONAL, INC

Address:100 NORTH RIVERSIDE PLAZA

City:CHICAGO

State:IL

ZIP:60606-1596

Country:US

Info Phone Num:312-807-2000

Emergency Phone Num:312-807-2000

Preparer's Name:DAVID B WIENCKOWSKI

CAGE:DO471

=== Contr

actor 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

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

Ingred Name:TRIETHYLENETETRAMINE/3,6-DIAZAOCTANE-1,8-DIAMINE (LD50 ORAL
RAT: 25000 MG/KG).

CAS:112

-24-3
RTECS #:YE6650000
Fraction by Wt: 10-30%
Other REC Limits:NONE SPECIFIED

Ingrid Name:AMINE (LD50 ORAL RAT: 1200 MG/KG)
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: CORROSIVE. CAUSES SEVERE BURNS.
SKIN: CORROSIVE. BURNS & SEVERE TISSUE DMAAGE. HYPERSENSITIVITY IN

SOME. ABSORBED THRU SKIN. INHAL: IRRIT TO MUCOUS MEMBRANES. DIZZY,
HEADACHE, INCOORDINATION. WHE EZE, COUGH, SHORT OF BREATH, TIGHT
FEELING IN CHEST. INGEST: CORROSIVE. SEVER BURNS TO GI TRACT.
NAUSEA, VOMIT, GI UPSET

Effects of Overexposure:DEPENDING ON THE ROUTE, FREQUENCY AND DURATION
OF EXPOSURE, TOXICITY MAY OCCUR IN THE FOLLOWING ORGANS AND/OR
SYSTEMS: RESPIRATORY SYSTEM, EYE, SKIN, IMMUNE SYSTEM (E.G.,
ALLERGIC REACTIONS)

Medical Cond Aggravated by Exposure:SO
ME OF COMPONENTS IN THIS PRODUCT

MAY AGGRAVATE EXISTING MEDICAL CONDITIONS. RESPIRATORY SYSTEM,
SKIN, IMMUNE SYSTEM AND/OR SPECIFIC CHEMICAL ALLERGIES.

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

First Aid:GET IMMED MED AID. EYE:IMMED FLUSH WITH WATER 15 MIN,LIFT
EYELIDS. SKIN:IMMED FLUSH W/WATER 15 MIN. LARGE EXPOSURE:EMERG
SHOWER. REMOVE CONTAM CLOTH & SHOES. WASH SKIN W/SOAP & WATER (HAIR
& UNDER NAI LS,TOO). INHAL:REMOVE TO FRESH AIR. SYMPTOMS,
GET IMMED
MED AID. NO BREATH,GIVE ARTIF RESP (MOUTH TO MOUTH). INGEST:DONT
INDUCE VOMIT.RINSE MOUTH W/WATER,GIVE 2 CUPS WATER,DONT GIVE
CARBONATED DRINKS.

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

Flash Point Method:SCC

Flash Point:>200F,>93C

Extinguishing Media:SMALL FIRES: DRY CHEMICAL, CARBON DIOXIDE, HALON,
WATER SPRAY, OR FOAM. LARGE FIRES: WATER SPRAY, FOG, OR ALCOHOL
FOAM.

Fire Fighting Procedures:FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED

TO
THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH POSITIVE
PRESSURE SCBA AND FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:MAY LIBERATE IRRITATING OR TOXIC VAPORS
DURING COMBUSTION OR DECOMPOSITION.

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

Spill Release Procedures:STOP SPILL IF SAFE. CONTAIN. LRG SPILL: USE
PUMP/VACUUM TRUCK. USE ABSORBENT (FULLER EARTH,CLAY). PLACE CONTAM
MAT'L IN CONTAINERS FOR DISPOSAL. USE SAFETY MEASURES
& PROTECTIVE
EQUIP. DONT FLUSH TO S EWER,STREAM,OTHER WATER BODIES W/O
AUTHORIZATION.

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTED AREA. DO
NOT STORE > 120F. FOLLOW GOOD MANUFACTURING & HANDLING PRACTICES.
AVOID BREATHING VAPOR OR MIST.
Other Precautions:THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY, BECAUSTE
IT CAN RETAIN PRODUCT RESIDUES. THEREFORE, DO NOT REUSE CONTAINER
FOR FOOD, CLOTHIN
G OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR
WHERE SKIN CONT ACT MAY OCCUR.

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

Respiratory Protection:ABOVE TLV/PEL, WEAR NIOSH/MSHA EQUIP. SEE
RESPIRATOR MFR FOR PROPER EQUIP. HIGH CONCENTRATIONS MAY NEED SCBA
OR SUPPLIED AIR RESPIRATOR. RESPIRATORY PROTECTION PROGRAMS MUST BE
IN COMPLIANCE WITH 29 C FR 1910.134
Ventilation:MINIMIZE EXPOSURE BY PROVIDING ADEQUATE VENT. GENERAL
(DILUTION) MAY BE ACCEPTABLE
WHEN VAPORS, MISTS, OR DUST RELEASED.
Protective Gloves:IMPERVIOUS GLOVES. SEE GLOVE MFR.
Eye Protection:CHEMICAL SPLASH GOGGLES & FULL FACE SHLD
Other Protective Equipment:WEAR RUBBER BOOTS, APRON, PROTECTIVE
CLOTHING. EMERGENCY SHOWER SHOULD BE READILY AVAILABLE.
Work Hygienic Practices:WASH AFTER HANDLING, ESPECIALLY BEFORE EATING,
DRINKING, SMOKING, USING RESTROOM. WASH CONTAM CLOTH & SHOES BEFORE
REUSE
Supplemental Safety and Health
NOTE TO PHYSICIAN: CORROSIVE MATERIAL. CAUSES

BURNS, THERE IS A DANGER
OF HEMORRHAGE AND PERFORATION IF LAVAGE IS PERFORMED.

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

Spec Gravity:0.97 (WATER=1)
Evaporation Rate & Reference:0
Solubility in Water:INSOLUBLE
Appearance and Odor:DARK AMBER; AMMONIACAL ODOR
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
OXIDING AGENTS
Hazardous Decomposition Products:IF HEATED TO
HIGH TEMPERATURES, THIS
PRODUCT MAY EMIT OXIDES OF NITROGEN, SMOKE, SOOT, TOXIC FUMES
(E.G., CO & CO2).

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

Waste Disposal Methods:UNUSED,ORIGINAL FORM,MANAGE AT AUTHORIZED
FACILITY,IN COMPLIANCE W/ALL FED,STATE,LOCAL REQUIREMENTS.CONTACT
GOVERNMENTAL EVIRONMNTL AGENCIES IF MORE INFO NEEDED.
1)RECYCLE/REWORK.2)INCINERATE AT AUTHO RIZED FACILITY.3)TREAT AT
WASTE TREATMNT FACILITY.

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