

CHOMERICS, INC. -- HARDENER -- 8040-01-031-9656

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Product Identification
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Product ID:HARDENER

MSDS Date:01/31/1991

FSC:8040

NIIN:01-031-9656

Kit Part:Y

MSDS Number: BLJYM

=== Responsible Party ===

Company Name:CHOMERICS, INC.

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone Num:(617)935-4850

Emergency Phone Num:(617)935-4850

Preparer's Name:DAVID HAAS

CAGE:185

65

=== Contractor Identification ===

Company Name:PARKER HANNIFIN CORPORATION CHOMERICS DIVISION

Address:77 DRAGON COURT

Box:City:WOBURN

State:MA

ZIP:01888

Country:US

Phone:617-935-4850

CAGE:18565

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Composition/Information on Ingredients
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Ingred Name:PROPOXYLATED TRIETHYLENE TETRAMINE

CAS:26950-63-0

Fraction by Wt: 60-70%

Other REC Limits:NONE SPECIFIED

Ingred Name:TRIETHYLENE TETRAMINE

CAS:112-24-3

RTECS #:YE6650000

Fraction by Wt: 20-30%

Other REC Limits:NONE SPEC

IFIED

Ingred Name:2,4,6-TRI(DIMETHYL AMINOMETHYL) PHENOL

CAS:90-72-2

RTECS #:SN3500000

Fraction by Wt: < 10%

Other REC Limits:NONE SPECIFIED

Ingred Name:DIMETHYLAMINOMETHYL PHENOL

CAS:25338-55-0

Fraction by Wt: < 10%

Other REC Limits:NONE SPECIFIED

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

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

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

Health Hazards Acute and Chronic:ACUTE: EYES: BURNS/BLINDNESS/CORNEAL

INJURY, SKIN: BURNS/BLISTERING/SENSITIZATION/ALERGIC REACTIONS.

INHALATION: RESPIRATORY

IRRITATION/NAUSEA/HEADACHES/SENSITAZATION/TIGHTNESS OF CHEST/ASTHMA

SYMPTOM S. INGESTION: HARMFUL POSSIBLE BURNS TOMOUTH/ UPPER

GASTROINTESTINAL TRACT. CHRONIC: LIVER, KIDNEY, INJURY.

Medical Cond Aggravated by Exposure:EXPOSURE MAY AGGRAVATE PREEXISTING
SKIN, EYE AND/OR RESPIRATORY DISORDERS.

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

First Aid:EYE: WHILE

HOLDING EYE OPEN FLUSH WITH/H2O FOR AL LEAST 15

MINUTES. IMMED. MED. ATTEN. SKIN: FLUSH W/H2O THEN SOAP/H2O.

INHALATION: MOVE TO FRESH AIR. PROVIDE OXYGEN IF NEEDED. ARTIFICIAL

RESPIRATION IF NEEDED. IMMED. MED. ATTEN. INGESTION: DO NOT INDUCE

VOMITING. ALERT VICTOM; GIVE WATER. IMMED. MED. ATTEN.

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

Flash Point:>200F,>93C

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Proce

dures:WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL GEAR. COOL CONTAINERS W/H2O. LGE. AMTS. EVACUATE, FIGHT FIRE FROM SAFE DISTANCE.
Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS.

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

Spill Release Procedures:LIMIT ACCESS TO IMMED. SPILL AREA. SHUT OFF SOURCE IF W/O RISK. AVAIL. EXHAUST. PREVENT RELEASES TO SEWER, DRAINS, WATERWAYS. SOAK UP RESIDUE W/ABSORBANT MATERIAL, WASH AREA W/SOAP/WATER, NO RUNOFF. A PPROP. CONTAINERS. LOCAL, STATE AND FEDERAL REGUL.

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

Handling and Storage Precautions:COOL, DRY PLACE WITH ADEQUATE VENTILATION. CONTAINERS TIGHTLY CLOSED. KEEP AWAY FORM OPEN FLAMES/HEAT SOURCES.

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

Respiratory Protection:USE AN APPROPRIATE, PROPERLY FITTED RESPIRATOR IF SYMPTOMS OF EXPOSURE APPEAR.
Ventilation:EFFECTIVE MACHANICAL EXHAUST VENTILATION TO DRAW VAPORS/MIST/FUMES. NO ROUTINE BREATHING.
Protective Gloves:APPROPRIATE GLOVES
Eye Protection:FACE SHEILD/CHEMICAL GOGGLES/SAFETY GLAS
Other Protective Equipment:CHEMICAL RESISTANT APRON/CLOTHING.
Work Hygienic Practices:WASH HANDS AND FACE THOROUGHLY BEFORE EAT/DRINK/SMOKE.
Supplemental Safety and Health
EMERGENCY EYE WASH FACILITY AND SAFETY SHOWER SHOULD BE AVAILABLE

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

Vapor Pres:< 1
Spec Gravity:APPROX. 1.0
Solubility in Water:YES
Appearance and Odor:AMINE ODOR
Percent Volatiles by Volume:< 1

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, ACIDS, BASES.
Stability Condition to Avoid:OPEN CONTAINERS, OPEN FLAME, OR UNCONTROLLED EXPOSURE TO HEAT/MIXING WITH CURING AGENTS/INCOMPATABLE SU

CONDITIONS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, AND OTHER ORGANICS MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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