

CHEM-TREND INC -- PENETRANT REMOVER H91A -- 6850-01-268-6719

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

Product ID: PENETRANT REMOVER H91A

MSDS Date: 02/02/1994

FSC: 6850

NIIN: 01-268-6719

MSDS Number: BVQDR

=== Responsible Party ===

Company Name: CHEM-TREND INC

Address: 1445 W. MCPHERSON PARK DR

Box: 860

City: HOWELL

State: MI

ZIP: 48844-0860

Country: US

Info Phone Num: 800-727-7730

Emergency Phone Num: 800-727-7730

Preparer's Name: JLG

CAGE: 2W738

=== Contractor Identification ===

Company Name: CHEM-TREND INC

Address: 1445 W. MCPHERSON PARK DR

Box: 860

City: HOWELL

State: MI

ZIP: 48844-0860

Country: US

Phone: 800-727-7730

CAGE: 2W738

Company Name: DUNN R G ASSOCIATES INC

Address: 15104 LEE RD SUITE 203-B

Box: City: HUMBLE

State: TX

ZIP: 77396-2078

Country: US

Phone: 281-441-2001/FAX: 281-441-7772

CAGE: 0A272

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

Ingred Name: DIETHYLENE GLYCOL MONOBUTYL ETHER

CA

S:112-34-5  
RTECS #:KJ9100000  
Fraction by Wt: 45-55%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:NONIONIC SURFACTANTS  
Fraction by Wt: 45-55%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SUBSTITUTED IMIDAZOLINE  
Fraction by Wt: 212F,>100C  
Lower Limits:0.9  
Upper Limits:24.6

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE  
CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CONTAINED BREATHING  
APPARATUS IN CONFINED SPACES

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:SOAK UP WITH ABSORBENT MATERIAL AND PLACE IN A  
CONTAINER FOR LATER DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP DRUMS & CONTAINERS OF PRODUCT  
CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT OR FLAMES.  
DO NOT ADD ANY OTHER ADDITIVE INGREDIENTS.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE  
OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED  
AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND  
MANUFACTURER'S RECOMMENDATIONS.  
Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST.  
Protective Gloves:NEOPRENE, PVA, NBR

ITRILE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:APPROPRIATE CLOTHING TO PREVENT SKIN CONTACT. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

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

Supplemental Safety and Health

ENVIRONMENTAL NOTES: SARA 302:NO; SARA 311:YES, IMMEDIATE (ACUTE), DELAYED (CHRONIC). MSDS OFFERED BY CAGE 0A272 FOR CONTRACT NUMBER SP0450-95-M80

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

HCC:N1

Boiling Pt:B.P. Text:>446F,>230C

Vapor Pres:1

Vapor Density:>1

Spec Gravity:0.98

Evaporation Rate & Reference: