

CHEMIQUE -- LIQUID RUST REMOVER
MATERIAL SAFETY DATA SHEET
CHEMIQUENSN: 685000N025126
Manufacturer's CAGE: 1JJ92
Part No. Indicator: A
Part Number/Trade Name: LIQUID RUST REMOVER

=====
General Information
=====

Company's Name: CHEMIQUE INC
Company's Street: 315 NORTH WASHINGTON
Company's City: MOORESTOWN
Company's State: NJ
Company's Country: US
Company's Zip Code: 08057
Company's Emerg Ph #: 800-225-4161
Company's Info Ph #: 800-225-4161
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01JUN89
Safety Data Review Date: 08FEB95
MSDS Serial Number: BPCQD
Hazard Characteristic Code: C3
Net Unit Weight: N

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: PHOSPHORIC ACID; (ORTHOPHOSPHORIC ACID)
Ingredient Sequence Number: 01
Percent: 25
NIOSH (RTECS) Number: TB6300000
CAS Number: 7664-38-2
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ETHANOL, 2-BUTOXY-; (2-BUTOXYETHANOL)
Ingredient Sequence Number: 02
Percent: 2
NIOSH (RTECS) Number: KJ8575000
CAS Number: 111-76-2
OSHA PEL: S, 50 PPM
ACGIH TLV: S, 25 PPM; 9293

=====
Physical/Chemical Characteristics
=====

Appearance And Odor: LIGHT BLUE LIQUID, SLIGHT FRAGRANCE
Boiling Point: SUPP DATA
Melting Point: 73
Vapor Pressure (MM Hg/70 F): 6.4
Specific Gravity: 1.5
Evaporation Rate And Ref: 40
Solubility In Water: COMPLETE

=====
Fire and Explosion Hazard Data

=====
Flash Point: NOT APPLICABLE
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: USE MEDIA SUITABLE FOR SURROUNDING CONDITIONS (FP N).
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.
=====

=====
Reactivity Data
=====

Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: NOT APPLICABLE
Hazardous Decomp Products: NOT APPLICABLE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.
=====

=====
Health Hazard Data
=====

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: DOES NOT POSSESS ANY ACUTE TOXICOLOGICAL
PROPERTIES THAT WOULD REQUIRE SPECIAL HANDLING OTHER THAN THOSE OF GOOD
PERSONAL HYGIENE. COMPOUND WILL DEFAT SKIN WITH REPEATED EXPOSURE. ANIMAL
STUDIES HAVE CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFTS ON CNS,
HEMATOPOIETIC TISS, BLOOD, KIDNEYS & LIVER (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: HLTH HAZ: ASSOCIATED WITH ADMINISTRATION OF
ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) & ETHYLENE GLYCOL MONOBUTYL ETHER
ACETATE (EGBEA). (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NO. 90-118) (FP
N).
Med Cond Aggravated By Exp: NOT APPLICABLE
Emergency/First Aid Proc: SKIN: RINSE WITH WATER, WASH WITH SOAP AND
TREAT SYMPTOMATICALLY. CONTACT PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE.
SUPPORT BREATHING (GIVE ARTIFICIAL RESPIRATION/OXYGEN). CALL MD (FP N).
=====

=====
Precautions for Safe Handling and Use
=====

Steps If Matl Released/Spill: FORCE RINSE OR SWEEP WITH CLEAR WATER
NOMINAL SPILLS. LARGE SPILLS SHOULD BE NEUTRALIZED WITH LIQUID SOLUTION OF
ALKALI DETERGENT, SODA ASH, BICARBONATE.
Neutralizing Agent: LIQUID SOLUTION OF ALKALI DETERGENT, SODA ASH,
BICARBONATE.
Waste Disposal Method: DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL
REGULATIONS. CONTAINS NO HALOGENS OR EXPLOSIVE MIXTURES.
Precautions-Handling/Storing: STORE IN PLASTIC DRUMS. PLASTIC LINED METAL
DRUMS UNDER AMBIENT CONDITIONS.
Other Precautions: COMPOUND ESSENTIALLY NON-TOXIC BUT STATED PRECAUTIONS
TO SKIN PROTECTION, EYE EXPOSURE AND INGESTION TO BE FOLLOWED, ALLERGENIC
REACTIONS CAN OCCUR WITH SENSITIVE INDIVIDUALS.
=====

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: NORMAL VENTILATION.
Protective Gloves: RUBBER GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
Other Protective Equipment: RUBBER APRON.
Work Hygienic Practices: GOOD PERSONAL HYGIENE PRACTICES.
212F.

Transportation Data

Trans Data Review Date: 92317
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 23JAN92
Label Date: 23JAN92
Label Status: G
Common Name: LIQUID RUST REMOVER
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Slight: X
Contact Hazard-Moderate: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE: REPEATED EXPOSURE MAY DEFAT SKIN. DOES NOT POSSESS ANY ACUTE TOXICOLOGICAL PROPERTIES THAT WOULD REQUIRE SPECIAL HANDLING OTHER THAN THOSE OF GOOD PERSONAL HYGIENE. CHRONIC: CONTAINS 2-BUTOXYETHANOL WHICH CAN ADVERSELY AFFECT CNS, HEMATOPOEITIC TISSUE, BLOOD, KIDNEYS AND LIVER. ALLERGIC REACTIONS CAN OCCUR WITH SENSITIVE INDIVIDUALS.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: CHEMIQUE INC
Label Street: 315 NORTH WASHINGTON
Label City: MOORESTOWN
Label State: NJ
Label Zip Code: 08057
Label Country: US
Label Emergency Number: 800-225-4161