

ATOTECH USA INC -- ACIDCLEAN FR -- 6850-01-429-9494

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Product Identification
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Product ID:ACIDCLEAN FR

MSDS Date:03/01/1995

FSC:6850

NIIN:01-429-9494

MSDS Number: CFKMF

=== Responsible Party ===

Company Name:ATOTECH USA INC

Address:1750 OVERVIEW DRIVE

Box:12000

City:ROCK HILL

State:SC

ZIP:29731-2000

Country:US

Info Phone Num:803-817-3500

Emergency Phone Num:803-817-3500

Preparer's Name:PRO

DUCT SAFETY DEPARTMENT

CAGE:ATOTC

=== Contractor Identification ===

Company Name:ATOTECH USA INC

Address:1000 HARVARD AVE

Box:12000

City:CLEVELAND

State:OH

ZIP:44109-5000

Country:US

Phone:800-752-8464

CAGE:ATOTC

Company Name:NO VENDOR HAS BEEN NAMED FOR THIS LINE.

Box:UNKNOW

CAGE:NO672

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Composition/Information on Ingredients
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Ingred Name:GLYCOL ETHERS (PROPRIETARY)

Fraction by Wt: 5-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCL

A)
CAS:107-21-1
RTECS #:KW2975000
Fraction by Wt: 1-7%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:C 50 PPM,VAPOR; 9495
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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Hazards Identification
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LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MAY CAUSE SEVERE IRRITATION.
SKIN:MAY CAUSE MODERATE IRRITATION.
INHALATION:MAY CAUSE
RESPIRATORY IRRITATION, HEADACHE, NAUSEA, DIZZINESS, VOMITING.
INGESTION:MAY CAUSE G/I IRRITATION, ABDOMINAL DISCOMFORT, NAUSEA,
BLURRING OF VISION. CHRONIC-EFFECTS HAVE NOT BEEN DETERMINED.
Explanation of Carcinogenicity:MFR GAVE THE ABOVE LISTINGS ON THE MSDS
BUT NO OTHER COMMENTS ABOUT CARCINOGENICITY WERE RECORDED.
Effects of Overexposure:RED, INFLAMED SKIN, EYES, MUCOUS MEMBRANES.
TEARING & EXCESSIVE SALVATION, BLURRED VISION, ABDOMINAL
DISCOMFO
RT, NAUSEA, VOMITING, SHORTNESS OF BREATH, CHEST PAIN,
DIZZINESS.
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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First Aid Measures
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First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE
CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED:REMOVE FROM
EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT
INDUCE VOMIT
ING. GIVE 1-2 GLASSES OF MILK OR WATER TO DRINK. GET
IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF UNCONSCIOUS.

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Fire Fighting Measures
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Flash Point:N/APP
Autoignition Temp:Autoignition Temp Text:N/A.
Lower Limits:N/A.
Upper Limits:N/A.
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL
PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS W/

WATER TO

PREVENT RUPTURING. MOVE CONTAINERS IF W/O RISK.

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION, FOXIC FUMES
MAY BE EMITTED.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT & CLOTHING. STOP
LEAK IF W/O RISK. REMOVE IGNITION SOURCES. DIKE TO CONTAIN. RECOVER
LIQUID IF POSSIBLE. ABSORB REMAINDER W/NON COMBUSTIBLE MATERIAL.
USE NON-SPARKING & EXPLO SION PROOF EQUIPMENT. FLUSH AREA W/WATE

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Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:KEEP TIGHTLY CLOSED & UPRIGHT. STORE
IN COOL DRY AREA. DO NOT REUSE CONTAINER. EMPTY CONTAINER MAY
CONTAIN HAZARDOUS RESIDUE.

Other Precautions:DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT
BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protec
tion:USE A NIOSH/MSHA APPROVED RESPIRATOR IF
VENTILATION IS INADEQUATE.

Ventilation:USE OF MECHANICAL (GENERAL) VENTILATION IS REQUIRED. USE OF
LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves:APPROPRIATE HAND PROTECTION

Eye Protection:CHEMICAL WORKER'S GOGGLES

Other Protective Equipment:AN EYEWASH FOUNTAIN & SAFETY SHOWER READILY
AVAILABLE. CHEMICAL RESISTANT APRON OR COVERALLS PLUS FOOTWEAR.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health
NONE

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

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:N/A.

Melt/Freeze Pt:M.P/F.P Text:N/A.

Vapor Pres:N/A.

Vapor Density:N/A.

Spec Gravity:1.014

pH:4.5

Viscosity:UNKNOWNUNKNOW

Evaporation Rate & Reference:N/A.

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT BLUE TO LIGHT GREEN LIQUID, SLIGHT ODOR

Percent Volatiles by Volume:N/A.

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

Stability Indicato

r/Materials to Avoid: YES
CONTACT W/OXIDIZING AGENTS, STRONG ACIDS OR BASES AT ELEVATED
TEMPERATURES.

Stability Condition to Avoid: ELEVATED TEMPERATURES

Hazardous Decomposition Products: OXIDES OF CARBON

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSE OF I/A/W FEDERAL, STATE & LOCAL
REGULATIONS. REFER TO 40CFR261. CONSULT STATE & LOCAL GOVERNMENT
FOR ADDITIONAL REGULATORY REQUIREMENT

S. DISCHARGE TO PUBLIC

SEWERAGE AUTHORITY MUST COINCIDE W/ ALL APPLICABLE LOCAL PERMITS.

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