

HACH CO. -- 22776 ETHYLENE GLYCOL MONOETHYL ETHER -- 6810-00-285-4309

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

Product ID:22776 ETHYLENE GLYCOL MONOETHYL ETHER

MSDS Date:04/26/1988

FSC:6810

NIIN:00-285-4309

MSDS Number: BNWJY

=== Responsible Party ===

Company Name:HACH CO.

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010-6402

Country:US

Info Phone Num:800-227-4224

Emergency Phone Num:515-2

32-2533

CAGE:4T252

=== Contractor Identification ===

Company Name:HACH CO

Address:5600 LINDBERGH DR

Box:389

City:LOVELAND

State:CO

ZIP:80539

Country:US

Phone:970-669-3050/ 303-623-5716

CAGE:91224

Company Name:HACH COMPANY

Address:100 DAYTON RD.

Box:907

City:AMES

State:IA

ZIP:50010

Country:US

Phone:800-227-4224

CAGE:4T252

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

Ingred Name:2-ETHOXYETHANOL (EGEE) (SARA III)

CAS:110-80-5

RTECS #:KK8050000

Fraction by Wt: 100%

Other R

EC Limits:NONE RECOMMENDED

OSHA PEL:S,200 PPM

ACGIH TLV:S, 5 PPM; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 3000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: MAY BE IRRITATING TO EYES,  
SKIN, AND RESPIRATORY TRACT. INHALATION OF VAPOR MAY DAMAGE CENTRAL  
NERVOUS SYSTEM,

KIDNEYS, BLOOD FORMING ORGANS AND LIVER. MAY CAUSE  
CENTRAL NERVOUS SYTEM DEPRESSIO N. CHRONIC: UNKNOWN.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SNEEZING,  
SHORTNESS OF BREATH, DIZZINESS, HEADACHE, NAUSEA, VOMITING. EYES:  
REDNESS, TEARING, DISCOMFORT. SKIN: REDNESS, ITCHING. INGESTION:  
NAUSEA, VOMITING, HEADACHE, DIZZINESS.

Medi

cal Cond Aggravated by Exposure:CHRONIC RESPIRATORY DISEASE,  
CHRONIC SKIN DISORDERS, AND ANEMIA MAY INCREASE RISK FROM EXPOSURE.

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

First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. EYES: FLUSH WITH LOTS  
OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: FLUSH WITH LOTS OF WATER  
FOR 15 MINUTES WHILE REMOVING CLOTHES. INGESTION: DO NOT INDUCE  
VOMITI NG! GET IMMEDIATE MEDICAL ATTENTION.

=====  
===== Fire Fightin  
g Measures =====

Flash Point Method:CC

Flash Point:112F,44C

Autoignition Temp:Autoignition Temp Text:455F

Lower Limits:1.8%

Upper Limits:14%

Extinguishing Media:ALCOHOL FOAM

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS MAY EXPLODE ON CONTACT WITH FLAME  
OR SOURCE OF HIGH TEMPERATURES.

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

Spill Release Procedures:ABSORB ON PA

PER. PLACE PAPER ON A METAL PAN  
AND PLACE IN A VENTILATED HOOD AND BURN.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.  
Ventilation:NONE SPECIFIED BY MANUFACTURER. HMIS: USE ADEQUATE

MECHANICAL VENTILATION.

Protective Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. 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

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

HCC:F4

Boiling Pt:B.P. Text:275F,135

C

Vapor Pres:3.8 MM HG

Vapor Density:3.1(AIR=1)

Spec Gravity:0.931

Solubility in Water:APPRECIABLE

Appearance and Odor:COLORLESS LIQUID WITH SLIGHT, SWEETISH ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:SOURCES OF IGNITION

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERA

## L REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.