

FERRO CORP GRANT CHEMICAL DIV -- ETHYL DIGLYME -- 6850-01-316-9398

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

Product ID:ETHYL DIGLYME

MSDS Date:01/14/1990

FSC:6850

NIIN:01-316-9398

Kit Part:Y

MSDS Number: BMDXX

=== Responsible Party ===

Company Name:FERRO CORP GRANT CHEMICAL DIV

Box:263

City:BATON ROUGE

State:LA

ZIP:70821-0263

Country:US

Info Phone Num:216-641-5324/504-654-6801

Emergency Phone Num:800-42

4-9300(CHEMTREC)

CAGE:7L118

=== Contractor Identification ===

Company Name:DEXSIL CORP

Address:1 HAMDEN PARK DR

Box:City:HAMDEN

State:CT

ZIP:06514-3150

Country:US

Phone:203-288-3509

CAGE:65297

Company Name:FERRO CORP GRANT CHEMICAL DIV

Box:263

City:BATON ROUGE

State:LA

ZIP:70821-0263

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:7L118

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

Ingred Name:ETHYL DIGLYME

CAS:112-36-7

RTECS #:KN3160000

Fraction by Wt: >98%

Other REC Limit

s:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2.5-5 G/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: EYE/SKIN-NOT A PRIMARY IRRITANT. CHRONIC: NO KNOWN EFFECTS OF OVEREXPOSURE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. CONTACT A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT

REATHING. INGESTION: INDUCE VOMITING AND USE GASTRIC LAVAGE WITHIN 4 HOURS OF INGESTION.

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

Flash Point:195F,91C

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

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:PICK UP LARGE SPILLS INTO APPROPRIATE CONTAINERS. ABSORB REMAINDER WITH INERT MATERIAL AND INCINERATE. DO NOT FLUSH TO SANITARY SEWER SYSTEM OR ALLOW TO MIGRATE INTO GROUND WATER.

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

Handling and Storage Precautions:STORE IN COOL, DARK PLACE OUT OF CONTACT WITH AIR. STORE UNDER INERT ATMOSPHERE SUCH AS NITROGEN IS RECOMMENDED.

Other Precautions:AVOID BREATHING VAPORS AND CONTACT WITH SKIN.

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

Respiratory Protecti

on:USE NIOSH/MSHA AIR MASK WHEN AIR BORNE EXPOSURE IS EXPECTED.

Ventilation:LOCAL VENTILATION IS PREFERRED TO CONTROL EXPOSURE LEVELS.

Protective Gloves:BUTYL RUBBER GLOVES

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR BUTYL RUBBER APRON OR BOOTS. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

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Physical/Chemical Properties =====

HCC:V4

Boiling Pt:B.P. Text:372F,189C

Melt/Freeze Pt:M.P/F.P Text:-47F,-44C

Vapor Pres:0.5

Vapor Density:5.6

Spec Gravity:0.9082

Evaporation Rate & Reference:0.04 (N-BUTYL ACETATE=1)

Solubility in Water:100%

Appearance and Odor:COLORLESS, LIQUID; MILD ETHER ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID STRONG OXIDIZERS.

Stability C

Condition to Avoid:IF EXPOSED TO AIR, ORGANIC PEROXIDES WILL DEVELOP.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:INCINERATE IN EPA APPROVED MANNER ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS. THIS CHEMICAL BIODEGRADES SLOWLY IN THE ENVIRONMENT.

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