

GEORGIA GULF CORP -- METHANOL -- 6810-00-275-6010

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Product Identification  
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Product ID:METHANOL  
MSDS Date:01/01/1995  
FSC:6810  
NIIN:00-275-6010  
Status Code:A  
MSDS Number: CHYYF  
=== Responsible Party ===  
Company Name:GEORGIA GULF CORP  
Box:629  
City:PLAQUEMINE  
State:LA  
ZIP:70765-0529  
Country:US  
Info Phone Num:504-389-2640  
Emergency Phone Num:504-389-2640,800-424-9300(CHEMTREC)  
Preparer's Name  
e:STEVE I. VARNADO  
CAGE:49960  
=== Contractor Identification ===  
Company Name:GEORGIA GULF CORPORATION  
Address:400 PERIMETER CENTER TER SUITE 595  
Box:105197  
City:ATLANTA  
State:GA  
ZIP:30348  
Country:US  
Phone:504-685-2500/770-395-4500 GOOD#  
CAGE:49960  
Company Name:JEM SALES INC INCHEMCO DIV  
Address:430 LAVENDER DR  
Box:City:ROME  
State:GA  
ZIP:30165-2262  
Country:US  
Phone:706-232-1709  
CAGE:0AZD7

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Composition/Information on Ingredients  
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Ingred Name:METHYL ALCOHOL (METHANOL

) (SARA 313) (CERCLA)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: >99.85%

Other REC Limits:S,200PPM,8/12 HR TWA

OSHA PEL:S, 200 PPM

ACGIH TLV:S,200PPM/250STEL; 95

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 5.6 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:MAY CAUSE BLINDNESS.HARMFUL IF

SWALLOWED OR INHALED. IT IS A DEFATTING AGENT, CAN CAUSE DERMATITIS AND LIVER DAMAGE. MAY CAUSE BLURRED VISION AND BLINDNESS IF SWALLOWED. ALSO REPORTED TO CAUSE SHOOTING PAINS IN THE LOWER EXTREMITIES AND MULTIPLE NEURITIS,CHARACTERIZED BY NUMBNESS OF THE SKIN AND PAIN IN HANDS,FOREARMS.

Explanation of Carcinogenicity:NONE

Effects of

Overexposure:HEADACHES,WEAKNESS,DROWSINESS,LIGHTHEADEDNESS,NAUSEA,VOMITING,DRUNKENNESS,EYE IRRITATION,BLURRED VISION.LIVER TOXICITY

,SKIN DEFATTING,DERMATITIS,VERTIGO,CHILLS,UNSTEADY GAIT,EDEMA OF ARMS,GASTRIC PAIN ,INSOMNIA,CHANGES IN COLOR PERCEPTION,DOUBLE VISION,BLINDNESS,PAIN IN LOWER EXTREMITIES,MULTIPLE NEURITIS,SLEEP PROBLEMS

Medical Cond Aggravated by Exposure:PERSONS WITH EXISTING SKIN, KIDNEY, LIVER, OR EYE DISORDERS MAY BE AT INCREASED RISK WHEN EXPOSED TO METHANOL. METHANOL MAY ENHANCE THE TOXICITY OF CARBON MONOXIDE.

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

Firs

t Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING,THEN GIVE 2 TEASPOONS OF BAKING SODA IN GLASS OF WATER. GET MEDICAL ATTENTION.

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

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Flash Point Method:CC

Flash Point:52.0F,11.1C

Autoignition Temp:Autoignition Temp Text:725F

Lower Limits:6

Upper Limits:36.5

Extinguishing Media:SMALL FIRES: HALON, CARBON DIOXIDE, ALCOHOL FOAM.

LARGE FIRES: ALCOHOL FOAM. USE WATER SPRAY TO COOL EXPOSED CONTAINERS.

Fire Fighting Procedures:WATER SPRAY OR FOG CAN COOL FIRE BUT MAY NOT EXTINGUISH FIRE.WEAR NIOSH APPROVED SCBA IN POSITIVE PRESS MODE,AND PROTECTIVE CLOTHING DESIGNED FOR METHANOL FIRE.

Unusual Fire/Explosion Hazard

:CONTAINERS MAY EXPLODE IN HEAT OF

FIRE.METHANOL IS EXTREMELY FLAMMABLE AND FORMS EXPLOSIVE MIXTURES WITH AIR.VAPOR MAY TRAVEL TO IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. STOP LEAK. DIKE LARGE SPILLS. PREVENT METHANOL FROM ENTERING WATER BODIES, DRAINS, SEWAGE COLLECTION SYSTEM. ABSORB SMALL SPILLS WITH SAND/OTHER NON

-COMBUSTIBLE ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN WELL VENTILATED PLACE AWAY FROM SOURCES OF IGNITION, COMBUSTIBLES, OXIDIZING MATERIALS, ACID.USE SPARK RESISTANT EQUIPMENT TO STORE METHANOL.

Other Precautions:GROUND AND BOND METAL STORAGE CONTAINERS AND ALL TRANSFER LINES TO PREVENT POSSIBLE IGNITION FROM STATIC SPARKS. SINCE EMPTY CONTAINERS

RETAIN RESIDUAL RESIDUES, ASSUME EMPTIES TO HAVE THE SAME HAZARDS AS FULL CONTAINERS.

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

Respiratory Protection:RESPIRATORY PROTECTION IS REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. DO NOT USE AIR PURIFYING RESPIRATOR. USE APPROPRIATE NIOSH APPROVED SUPPLIED AIR OR SCBA IN ACCORDANCE WITH 29 CFR 1910.132 ND 1910.134, TO PREVENT OVEREXPOSURE.

Ventilation:PROVIDE LOCAL VENTILATION TO MAINTAIN EXPOSURE LEVELS

BELOW

RECOMMENDED EXPOSURE LIMITS.USE EXPLOSION PROOF VENTILATION.

Protective Gloves:USE NATURAL RUBBER OR NEOPRENE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD.

Other Protective Equipment:CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL. PROVIDE EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

WHERE THE

RE IS A POSSIBILITY OF EXPOSURE OF AN INDIVIDUAL'S BODY TO METHANOL, THE INDIVIDUAL SHOULD BE PROVIDED WITH AND REQUIRED TO USE IMPERVIOUS CLOTHING IN ACCORDANCE WITH 29 CFR 1910.132.

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

HCC:F5

Boiling Pt:B.P. Text:147F,64C

Melt/Freeze Pt:M.P/F.P Text:-143F,-97C

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:96MM/20C

Vapor Density:1.1

Spec Gravity:0.792

Solubility in Water:100%

Appearance and Odor:CLEAR, COLORLESS LIQUID, FAINT ALCOHOLIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, ALUMINUM, ZINC, HYDROGEN REPLACEMENT METALS, RUBBER, CHROMIC ANHYDRIDE, LEAD PERCHLORATE, PERCHLORIC ACIDS.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS.

Hazardous Decomposition Products:EXCESSIVE HEATING AND/OR INCOMPLETE COMBUSTION WILL PRODUCE CARBON MONOXIDE AND TOXIC VAPORS SUCH AS FORMALD

EHYDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:REPORT METHANOL SPILLS OVER RQ (5000 LBS) TO THE NATIONAL RESPONSE CENTER (800-424-8802). DISPOSE OF ALL SPILL MATERIAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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