

GENERAL CHEMICAL CORP -- METHANOL,VARIOUS GRADES -- 6810-01-027-4771

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Product Identification
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Product ID:METHANOL,VARIOUS GRADES

MSDS Date:05/01/1990

FSC:6810

NIIN:01-027-4771

MSDS Number: BGFRH

=== Responsible Party ===

Company Name:GENERAL CHEMICAL CORP

Address:90 E HALSEY RD

Box:395

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Info Phone Num:201-515-1840

Emergency Phone Num:800-631-8050

CAGE:0AU44

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:GENERAL CHEMICAL CORPORATION

Address:90 EAST HALSEY ROAD

Box:City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Phone:973-515-1840

CAGE:0AU44

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

CAS:67-56-1

RTECS #:P

C1400000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:5628 MG/KG (ORAL-RAT)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGESTION MAY CAUSE POSSIBLE
BLINDNESS. REPEATED EXPOSURES MAY CAUSE DERMAT
ITIS. DIRECT LIQUID
CONTACT TO EYE CAN CAUSE INFLAMMATION & TRANSIENT CORNEAL OPACITY.
MAY CAUSE CHRONIC DAMAGE TO PANCREAS AND KIDNEYS.
Effects of Overexposure:INHALATION: MAY CAUSE HEADACHE, DIZZINESS,
GASTROINGESTION: CAUSES INEBRIATION, DROWSINESS, SEVERE ABDOMINAL
PAIN, VISUAL DISTURBANCES & POSSIBLE BLINDNESS. LIQUID IS A MILD
IRRITANT TO SKIN. VAPOR IS A MILD IRRITANT TO EYES IF TREATED
PROMPTLY.
Medical Cond Aggravated by Exposure:SKIN AND LUNG DISORDERS.

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

First Aid:EYE:FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MED
ATTENTION. SKIN: FLUSH W/PLENTY OF WATER. REMOVE CONTAMINATED
CLOTHING & SHOES. INGESTION: IF CONSCIOUS, IMMEDIATELY INDUCE
VOMITING. GET IMMEDIATE MEDICAL ATTENTION. INHALATION: REMOVE TO
FRESH AIR. IF NOT BREATHING, GIVE CPR&OXYGEN IF AVAILABLE. FOR ALL
ROUTES, KEEP PATIENT WARM & COVER EYES TO EXCLUDE LIGHT.

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

Flash Point Method:CC
Flash Point:53.6F,12C
Autoignition Temp:Autoignition Temp Text:>385F
Lower Limits:6.0
Upper Limits:38.5
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:VAPORS MAY BE HEAVIER THAN AIR AND TRA

VEL

TO SOURCE OF IGNITION AND FLASH BACK.STATIC EXPLOSIONS REPORTED FOR
AQUEOUS SOLUTIONS AS DILUTE AS 30%.

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

Spill Release Procedures:EVACUATE AREA, REMOVE ALL SOURCES OF IGNITION.
REMOVE LEAKY SOURCES TO THE OUTSIDE IF POSSIBLE. WEAR SCBA & EYE
PROTECTION. FLUSH W/WATER SPRAY;KEEP OUT OF SEWERS. ABSORB SMALL
SPILLS ON VERMICULITE, ETC. AND PLACE IN COVERED DISPOSAL
CONTAINER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN COOL, WELL-VENTILATED AREAS,
AWAY FROM OXIDIZERS AND IGNITION SOURCES. STORE SMALL QUANTITIES IN
SAFETY CANS. NO SMOKING IN STORAGE AREAS.

Other Precautions:REGULARLY INSPECT ALL ELECTRICAL AND MECHANICAL
EQUIPMENT THAT IS USED WITH OR NEAR METHANOL. PROVIDE PERIODIC
MEDICAL MONITORING OF EXPOSED PERSONNEL.

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

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Respiratory Protection:IN CASE OF SPILLS, EMERGENCIES OR OTHER
CONDITIONS PRODUCING HIGH VAPOR CONCENTRATIONS, USE AN AIR-SUPPLIED
OR SELF-CONTAINED NIOSH APPROVED BREATHING APPARATUS.

Ventilation:DOWN-DRAFT TYPE LOCAL EXHAUST VENT TO MEET TLV REQ W/ 60FPM
HOOD FACE VELOCITY.CONTROLS SHOULD BE SPARK & EXPLO PROOF.

Protective Gloves:NEOPRENE OR RUBBER GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD

Other Protective Equipment:IMPERVIOUS, PROTECTIVE CLOTHING WHERE RISK

OF SPLASHING AND/OR GROSS SKIN EXPOSURE IS HIGH. EYEWASH STATION &
SHOWER.

Work Hygienic Practices:PROMPTLY REMOVE WET CONTAMINATED
CLOTHING/SHOES. WASH CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER
USE.

Supplemental Safety and Health

NONE

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

HCC:F3

Boiling Pt:B.P. Text:148F,64.5C

Melt/Freeze Pt:M.P/F.P Text:-144F,-98C

Vapor Pres:92

Vapor Density:1.11

Spec Gravity:0.7920-0.7928

Evaporation Rate & Reference:5.2(

ETHER=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID(WATER-WHITE) WITH MILD ALCOHOL
ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS, PARTICULARLY PERCHLORIC ACID & LEAD PERCHLORATE. AVOID
ACETALDEHYDE, ETHYLENE OXIDE, ISOCYANATES

Stability Condition to Avoid:HEAT, FIRE OR SPARKS. METHANOL MAY BE
CORROSIVE TO LEAD AND ALUMINUM AND ATTACK SOME FOR
MS OF PLASTIC AND
RUBBER.

Hazardous Decomposition Products:COMBUSTION MAY YIELD CARBON MONOXIDE &
CARBON DIOXIDE. DECOMPOSITION MAY YIELD TOXIC FORMALDEHYDE &
UNBURNED METHANOL.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGS. MATERIAL MAY BE INCINERATED.

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