

METHANOL (AMSCO SOLVE 5030)

MSDS Number

BHBYW

National Stock Number

6810-01-027-4771

Product Name

METHANOL (AMSCO SOLVE 5030)

Manufacturer

UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA

Product Identification

Product ID:METHANOL (AMSCO SOLVE 5030)

MSDS Date:10/12/1988

FSC:6810

NIIN:01-027-4771

MSDS Number: BHBYW

Responsible Party

UNOCAL CHEMICALS DIV.,UNION OIL CO. OF CALIFORNIA

1345 N. MEACHAM

SCHAUMBURG , IL 60196

US

Emergency Phone: 800-356-3129 (POISON CONTROL CNTR)

Info Phone: 312-619-2644

Cage: 94684

Contractor

UNOCAL CHEMICALS DIV.,UNION OIL OF CALIFORNIA

SCHAUMBURG, IL 60196

US

312-490-2500/800-424-9300(CHEMTREC)

Cage: 94684

Ingredients

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 99-100%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

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

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

Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO BODY TISSUES.

IT IS ABSORBED THROUGH THE SKIN BUT IS NOT NORMALLY TOXIC BY THIS

ROUTE. TOXICITY AFFECTS THE CENTRAL NERVOUS SYSTEM AND ALSO TARGETS

THE OPTIC NERVES INDUCING B LINDNESS. CHRONIC OVEREXPOSURES MAY

LEAD TO PAINTERS' SYNDROME

Explanation of Carcinogenicity: NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure: EYES: IRRITATION SKIN: IRRITATION, MAY BE ABSORBED. INHALED: MAY CAUSE DIZZINESS, HEADACHE & NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION, PLUS VISUAL PROBLEMS INCLUDING BLINDNESS. INGESTED: G/I IRRITATION, DROWSINESS, DIZZINESS ABDOMINAL PAIN VISUAL DISTURBANCES INCLUDING BLINDNESS, CONVULSIONS.

Medical Condition Aggravated by Exposure: PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INGESTION: INDUCE VOMITING BY GIVING SYRUP OF IPECAC OR FINGERS IN THROAT. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point Method: TCC

Flash Point: 52.0°F, 11.1°C

Lower Limits: 7.3

Upper Limits: 36.0

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: CONTAINERS MAY BURST WHEN EXPOSED TO HEAT OF FIRE. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING.

Accidental Release

Spill Release Procedures: SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER.

Neutralizing Agent: NONE

Handling

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

Exposure Controls

Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation: MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves: NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

Eye Protection: SAFETY GLASSES OR GOGGLES OR FACE SHIELD

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

PRODUCT CODE 15030 (FORMERLY 5030). MSDS NO. 6276.

Chemical Properties

HCC:F2
Boiling Pt:B.P. Text:148F,64C
Vapor Pres:96 MM
Vapor Density:1.1
Spec Gravity:0.792
pH:UNKNON
Evaporation Rate & Reference:3.50 (N-BUTYL ACETATE =1)
Solubility in Water:100%
Appearance and Odor:CLEAR, COLORLESS LIQUID - ALCOHOL ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

Disposal

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. HMIS SUGGESTS INCINERATION.

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