

9090 METHANOL

MSDS Number

BKTWF

National Stock Number

6810-00F017005

Product Name

9090 METHANOL

Manufacturer

J T BAKER INC

Product Identification

Product ID:9090 METHANOL

MSDS Date:05/01/1989

FSC:6810

NIIN:00F017005

MSDS Number: BKTWF

Responsible Party

J T BAKER INC

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 908-859-2151

Info Phone: 908-859-2151

Cage: DO803

Contractor

LABCO SCIENTIFIC DIV OKLAHOMA CITY OK

PHILLIPSBURG, NJ 08865

US

1-800-582-2537

Cage: 1A109

Ingredients

METHANOL (METHYL ALCOHOL), COLUMBIAN SPIRITS *97-4*

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 90-100%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): 5628 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:INHALATION:

HARMFUL/HEADACHE/NAUSEA/VOMITING/DIZZINESS/NARCOSIS/RESPIRATORY

FAILURE/LOW BLOOD PRESSURE/CNS DEPRESSION/FATAL. SKIN:

IRRITATION/DERMATITIS. EYE: IRRITATION/CORNEAL DAMAGE. INGESTION:
HAR
MFUL/BLINDNESS/HEADACHE/NAUSEA/VOMITING/DIZZINESS/GASTROINTESTINAL
IRRITATION/CNS DEPRESSION/HEARING LOSS/FATAL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: KIDNEY/LIVER DAMAGE. SKIN:
IRRITATION & DERMATITIS. EYES: IRRITATION & CORNEAL DAMAGE.
INGESTION: HARMFUL, BLINDNESS, HEADACHE, NAUSEA, VOMITING,
DIZZINESS, GASTROINTESTINAL IRRITATION, CN S DEPRESSION, HEARING
LOSS, & FATAL. POISON, CANNOT BE MADE NON-POISONOUS.

Medical Cond Aggravated by Exposure:EYE, SKIN, LIVER OR KIDNEY
DISORDERS.

First Aid

First Aid:INGESTION: IF CONSCIOUS, DRINK PLENTY OF WATER. INDUCE
VOMITING. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR OXYGEN IF
NEEDED. SKIN/EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS.
OBTAIN MEDICAL ATTENTION IN ALL CASES. POISON, CANNOT BE MADE
NON-POISONOUS.

Fire Fighting

Flash Point Method:CC

Flash Point:54F

Lower Limits:6%

Upper Limits:36%

Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL, OR CO2. WATER MAY BE
INEFFECTIVE. USE WATER SPRAY TO REDUCE VAPORS.

Fire Fighting Procedures:WEAR PROTECTIVE EQUIP & SCBA W/FULL FACEPIECE
OPERATED IN POSITIVE PRESSURE MODE. SAFELY, MOVE CONTAINERS. USE
WATER TO KEEP FIRE EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW TO IGNITION
SOURCES/FLASHBACK. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE.
BURNS W/CLEAR, ALMOST INVISIBLE FLAME. AUTO-IGNITION TEMP: 867F.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIP. SHUT OFF IGNITION
SOURCES. SAFELY, STOP LEAK. USE WATER SPRAY TO REDUCE VAPORS. TAKE
UP W/SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL & PLACE INTO
CONTAINER FOR LATER DISPO SAL. FLUSH AREA W/WATER.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA.
BOND/GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

Other Precautions:AVOID CONTACT W/EYES, SKIN, CLOTHING, & BREATHING
VAPORS. KEEP OUT OF REACH OF CHILDREN. DON'T SMOKE. CONTACT
W/STRONG OXIDIZERS MAY CAUSE FIRE.

Exposure Controls

Respiratory Protection:AT CONCENTRATIONS >200 PPM, USE A SELF-CONTAINED
BREATHING APPARATUS.

Ventilation:PROVIDE GENERAL/LOCAL EXHAUST VENTILATION TO KEEP Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES, FACE SHIELD

Other Protective Equipment:UNIFORM, PROTECTIVE SUIT

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:149F

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

Vapor Pres:96

Vapor Density:1.11

Spec Gravity:0.79

Evaporation Rate & Reference:(BU AC = 1): 4.6

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID W/PUNGENT ODOR.

Percent Volatiles by Volume:100%

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS, ZINC, ALUMINUM, & MAGNESIUM.

Stability Condition to Avoid:HEAT, FLAME, FLARES, SMOKING OR OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:CO, CO₂, & FORMALDEHYDE.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER: U154. FLAMMABLE LIQUID. UN1230.

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