

ASHLAND CHEMICAL COMPANY -- METHYL NORMAL PROPYL KETONE -- 6810-01-459-1991

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Product Identification
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Product ID:METHYL NORMAL PROPYL KETONE

MSDS Date:02/10/1995

FSC:6810

NIIN:01-459-1991

Status Code:A

MSDS Number: CJSCL

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL COMPANY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Info Phone Num:614-790-3333/800-325-3751 (RULES

)

Emergency Phone Num:800-274-5263 OR 800-ASHLAND

Resp. Party Other MSDS Num.:0019987-003.008

CAGE:34897

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Phone:614-790-3333/800-274-5263

CAGE:34897

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP0450-99-MNC49

CAGE:4N760

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Composition/Informatio

n on Ingredients =====

Ingred Name:METHYL PROPYL KETONE (2-PENTANONE)

CAS:107-87-9

RTECS #:SA7875000

= Wt:100.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM/250STEL;9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE- MAY CAUSE MILD EYE & SKIN

IRRITATION. INHALE: SHORT TERM TOXICITY IS LOW. BREATHING LARGE AMOUNTS MAY BE HARMFUL. SWALLOWING SMALL AMOUNTS IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. LARGE AMOUNTS MAY BE HARMFUL. CHRONIC- HAS BEEN SHOWN TO CAUSE MILD, REVERSIBLE LIVER, KIDNEY EFFECTS IN LAB ANIMALS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:GASTROINTESTINAL IRRITATION, IRRITATION OF THROAT AND RESPIRATORY TRACT, CENTRAL NERVOUS SYSTEM DEPRESSION, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, AND DEATH.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, LIVER, KIDNEY, CNS, RESPIRATORY TRACT MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.

EN. SKIN: WASH WITH SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. THIS MATERIAL IS AN ASPIRATION HAZARD. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE WITH THE HEAD DOWN. SEEK MEDICAL ATTENTION. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

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

Flash Point Method:TCC

Flash Point:=-7.8C, 46.F

Lower Limits:1.5

Upper Limits:8.0

Extinguishing Media:REGULAR FOAM,WATER FOG,CARBON DIOXIDE,DRY CHEMICAL
Fir

e Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR& CAN TRAVEL ALONG GROUND/BE MOVED BY VENTILATION & IGNITED BY PILOT LIGHT,FLAME,SPARK,HEATER,SMOKING,ELECTRIC MOTOR,STATIC DISCHARGE,OR OTHER IGNITION SOURCE AT LOCATION DIS TANT FROM MATERIAL HANDLING POIN

T.NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUM(EVEN EMPTY) RESIDUE IGNITES EXPLOSIVELY.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND/CLAY. PLACE IN CONTAINER FOR DISPOSAL. WASH SPILL SITE AFTER PICK UP IS COMPLETE. PREVENT LIQUID FROM ENTERINGSEWER. IF SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOO

R

ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN VENTILATED AREA AWAY FROM IGNITION SOURCES & STRONG OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:USE IN WELL VENTILATED AREA/HOOD. AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN/ON CLOTHING. WASH THOROUGHLY AFTER HAND

LING AND BEFORE EATING OR DRINKING. ALL FIVE-GALLON PAILS AND LARGER METAL CONTAINERS SHOULD BE GROUNDED.

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

Respiratory Protection:IF TLV IS EXCEEDED, WEAR NIOSH/MSHA-APPROVED AIR-SUPPLIED RESPIRATOR. OSHA REGULATIONS ALSO PERMIT NIOSH/MSHA RESPIRATORS(NEGATIVE PRESSURE TYPE).ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPL EMENTED TO REDUCE EXPOSURE.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EX

PLOSION-PROOF)

VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=100.6C, 213.F

B.P. Text:221F-105C

Vapor Pres:27.8 @ 68F

Vapor Density:2.97

Spec Gravity:0.806 -

0.809

Viscosity:0.5 CPS

Evaporation Rate & Reference:2.3 (N-BUTYL ACETATE=1)

Appearance and Odor:WATER WHITE, HOMOGENOUS,LIQUID - MILD KETONE ODOR

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORD

ANCE WITH LOCAL, STATE AND

FEDERAL REGULATIONS. MAY BE BURNED IN AN APPROVED CHEMICAL INCINERATOR. RECYCLING OR REUSING IS RECOMMENDED. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURED.

===== MSDS Transport Information =====

Transport Information:DOT: PROPER SHIPPING NAME: METHYL PROPYL KETONE.

HAZARD CLASS 3, UN1249, PK II.

Disclaimer (provided with this information by the compiling agencies):

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tion is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.