

VAN WATERS AND ROGERS INC -- METHYL ETHYL KETONE PEROXIDE -- 6810-01-120-0408

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Product Identification
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Product ID:METHYL ETHYL KETONE PEROXIDE

MSDS Date:07/21/1987

FSC:6810

NIIN:01-120-0408

MSDS Number: CCCFS

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC

Address:6100 CARILLON POINT

City:KIRKLAND

State:WA

ZIP:98033

Country:US

Info Phone Num:206-889-3400

Emergency Phone

Num:206-889-3400

CAGE:0STM5

=== Contractor Identification ===

Company Name:VOPAK USA INC

Address:6100 CARILLON POINT

Box:City:KIRKLAND

State:WA

ZIP:98033-7357

Country:US

Phone:425-889-3400/425-889-3617

CAGE:0STM5

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE PEROXIDE (MEKP) (CERCLA)

CAS:1338-23-4

RTECS #:EL9450000

Fraction by Wt: 25-30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 0.7 PPM

ACGIH TLV:C 0.2 PPM; 9596

EPA Rpt Qty:10 LBS

DOT R

pt Qty:10 LBS

Ingred Name:HYDROGEN PEROXIDE (SARA 302)

CAS:7722-84-1

RTECS #:MX0900000

Fraction by Wt: 0-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 PPM

ACGIH TLV:1 PPM; 9596

Ingred Name:DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)

CAS:123-42-2

RTECS #:SA9100000

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM; 9596

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

LD50 LC50 Mixture:484 MG/KG ORAL LD 50

Routes of Entry: Inh

absorption:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION OF VAPORS/MISTS SEVERELY IRRITATES RESPIRATORY TRACT. MAY RESULT IN HEADACHE, SLEEPINESS, NAUSEA, VOMITING. VAPORS MAY IRRITATE EYES. LIQUID/MISTS MAY SEVERELY DAMAGE EYES;LEAD TO BLINDNESS . CONTACT WITH SKIN CAN PRODUCE SEVERE BURNS. INGESTION CAUSES SEVERE IRRITATION OF MUCOUS MEMBRANES OF GI TRACT.

Explanation of Carcinogenicity:THIS COMPOUND

CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:RESPIRATORY TRACT IRRITATION, HEADACHE, SLEEPINESS, NAUSEA, VOMITING, EYE IRRITATION, EYE DAMAGE, BLINDNESS, SEVERE SKIN BURNS, GI TRACT BURNS, ABDOMINAL PAIN, DIZZINESS, DIFFICULTY BREATHING, LACRIMATION, SEVERE DEPRESSION, CYANOSIS, DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First

Aid Measures =====

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 SKIN WITH SOAP & WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTN.

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

Flash Point Method:SCC
Flash Point:145F,63C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
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:MATERIAL CAN BE IGNITED BY CONTAMINATION WITH ACIDS AND STRONG OXIDIZING OR REDUCING AGENTS. CONFINED VAPORS CAN IGNITE WITH EXPLOSIVE FORCE.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION. REMOVE ALL IGNITION SOURCES. MOP UP OR ABSORB WITH NONCOMBUSTIBLE MATERIAL. COLLECT FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAMES. STORE IN A COOL, DRY PLACE. STORE AND DISPENSE ONLY IN INERT, NON-CONTAMINATING CONTAINERS, E.G., TEFLON.
Other Precautions:NEVER RETURN UNUSED PORTION TO ORIGINAL CONTAINER. VENT CONTAINER FREQUENTLY. GROUND ALL EQUIPMENT WHEN HANDLING THIS PRODUCT AND USE ONLY NON-SPARKING TOOLS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

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

Respiratory Protection:WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING

APPARATUS IN THE PRESSURE DEMAND MODE, OR A SUPPLIED-AIR RESPIRATOR IF USE CONDITIONS GENERATE VAPORS OR MISTS.

Ventilation:LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MINIMIZING EMISSIONS AT THE POINT OF USE.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES, NOT CONTACTLENS

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THO
ROUGHLY WITH SOAP AND WATER

BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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

HCC:P1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.05

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NIL

Appearance and Odor:CLEAR, COLORLESS LIQUID; SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS, OXIDIZING OR REDUCING AGENTS, COMBUSTIBLE MATERIALS, IRON, COPPER, ACCELERATORS FOR POLYMERIZATION REACTIONS, CL2

Stability Condition to Avoid:HIGH TEM

PERATURES, SPARKS, RADIATORS,

STEAM PIPES, DIRECT SUNLIGHT, AND OPEN FLAMES

Hazardous Decomposition Products:OXYGEN, ACRID SMOKE AND FUMES.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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