

KAR PRODUCTS INC./DISTRIBUTOR -- BATTERY SEALER AND PROTECTOR, 69974 -- 6850-00N008187

===== Product Identification =====

Product ID: BATTERY SEALER AND PROTECTOR, 69974

MSDS Date: 03/08/1990

FSC: 6850

NIIN: 00N008187

MSDS Number: BRMJH

=== Responsible Party ===

Company Name: KAR PRODUCTS INC./DISTRIBUTOR

Address: 461 NORTH THIRD AVENUE

City: DES PLAINES

State: IL

ZIP: 60016

Country: US

Info Phone Num: 312-296-6111

Emergency Phone Num: 312-296-6111

CAGE: 5L381

=== Contractor Identification ===

Company Name: KAR PRODUCTS

Address: 461 NORTH THIRD AVENUE

Box: City: DES PLAINES

State: IL

ZIP: 60016

Country: US

Phone: 847-296-6111

CAGE: 5L381

===== Composition/Information on Ingredients =====

Ingred Name: BENTONITE; (CLAY)

CAS: 1302-78-9

RTECS #: CT9450000

Fraction by Wt: 1%

OSHA PEL: 15 MG/M3

ACGIH TLV: 10 MG/M3

Ingred Name: HEXANE; (N-HEXANE)

CAS: 110-54-3

RTECS #: MN9275000

Fraction by Wt: 32%

OSHA PEL: 500 PPM

ACGIH TLV: 50 PPM; 9293

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Ingred Name: STODDARD SOLVENT; (PETROLEUM DISTILLATES)

CAS: 8052-41-3

RTECS #: WJ8925000

Fraction by Wt: 11%

OSHA PEL: 500 PPM

ACGIH TLV: 100 PPM; 9293

Ingred Name: LIGROINE (VM&P NAPHTHA); (PETROLEUM DISTILLATES)

CAS: 8032-32-4

RTECS #: OI6180000

Fraction by Wt: 5%

Other REC Limits: 100 PPM (MFR)

OSHA PEL: 300 PPM

ACGIH TLV: 300 PPM

Ingred Name: TOLUENE (SARA III)

CAS: 108-88-3

RTECS #:XS5250000
 Fraction by Wt: 1%
 Other REC Limits:200 PPM (MFR)
 OSHA PEL:200 PPM/150 STEL
 ACGIH TLV:50 PPM; 9293
 EPA Rpt Qty:1000 LBS
 DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE (SARA III)
 CAS:1330-20-7
 RTECS #:ZE2100000
 Fraction by Wt: 2%
 OSHA PEL:100 PPM;150 PPM STEL
 ACGIH TLV:100 PPM;150 PPM STEL
 EPA Rpt Qty:1000 LBS
 DOT Rpt Qty:1000 LBS

Ingred Name:ASPHALT; (PETROLEUM)
 CAS:8052-42-4
 RTECS #:CI9900000
 Fraction by Wt: 2%
 OSHA PEL:5 MG/M3 FUME
 ACGIH TLV:5 MG/M3 FUME

Ingred Name:PROPANE
 CAS:74-98-6
 RTECS #:TX2275000
 Fraction by Wt: 30%
 OSHA PEL:1000 PPM
 ACGIH TLV:ASPHYXIAN

Ingred Name:PROPANE, 2-METHYL-; (ISOBUTANE)
 CAS:75-28-5
 RTECS #:TZ4300000

Ingred Name:NON HAZARDOUS INGREDIENTS
 Fraction by Wt: 16%

Ingred Name:VOLATILE ORGANIC COMPOUNDS
 RTECS #:9999999VO
 Fraction by Wt: 81%

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
 Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
 Health Hazards Acute and Chronic:NOTE:TOLUENE(108-88-3) APPEARS ON NAVY
 LIST OF OCCUP CHEMICAL REPRO HAZS. CONSULT WITH APPROP HLTH PROFS
 CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS RECS. TARGET
 ORGS OF INDIVIDUAL CHEM S:SKIN, EYES, RESP SYS, LUNGS; CNS, GI
 TRACT, BLOOD, LIVER, KIDNEYS. HEXANE IS CONSIDERED CHRONIC
 PERIPHERAL NERVE HAZ.
 Explanation of Carcinogenicity:NOT RELEVANT
 Effects of Overexposure:LT HEAD, NAUS, HDCH, NUMB, MUSCLE WEAK, IRRIT
 OF EYES & NOSE, DERM, CHEM PNUEM, GIDD, DIZZ, EXCITEMENT, DROW,
 INCOORD, STAG GAIT, IRRIT OF THROAT, VACUOLIZATION, ANOREXIA,
 VOMIT, ABDOM PAIN.
 Medical Cond Aggravated by Exposure:HEART DISEASE; RESPIRATORY
 DISORDERS.

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

First Aid:EYES:IMMED WASH W/LG AMTS OF WATER FOR @ LST 15 MINS, OCCAS
 LIFTING LOWER & UPPER LIDS. GET MED ATTN IMMED. SKIN:IMMED WASH

CONTAM SKIN W/SOAP & WATER. IF CHEM PENETS CLTHG, REMOVE & WASH W/SOAP & WATER. GET PROMPT MED ATTN. INHAL:REMOVE EXPOSED PERS TO FRESH AIR & PERFORM ARTF RESP IF BRTHG HAS STOPPED. KEEP WARM & QUIET. GET MED ATTN ASAP. INGEST:GET IMMED MED ATTN.

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

Flash Point Method:TCC
Flash Point:-40F,-40C
Lower Limits:1.8%
Upper Limits:12%
Extinguishing Media:WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:AT ELEVATED TEMPERATURES (130F OR OVER), CONTAINERS MAY VENT, RUPTURE OR BURST.

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

Spill Release Procedures:USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL. PUT INTO CONTAINER. DISPOSE OF AS HAZARDOUS WASTE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME. STORE AT TEMPERATURES <120F.
Other Precautions:USE AS DIRECTED ON PRODUCT LABEL. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/CHEMICALS.

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

Respiratory Protection:NIOSH/MSHA APPROVED SCBA REQUIRED WHEN EXCEEDING TLV LIMIT. WHEN SPRAYING MORE THAN ONE-HALF CAN CONTINUOUSLY OR MORE THAN ONE CAN CONSECUTIVELY, USE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation:LOCAL EXHAUST:SUFFICIENT TO MAINTAIN VAPOR CONCENTRATIONS BELOW TLV LIMITS.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:WEAR APPROP EQUIP/CLTHG TO PVNT RPTD/PRLNG SKIN CONT &/OR PVNT SKIN FROM FREEZING.
Work Hygienic Practices:PRACT GOOD HABITS OF CLEANLINESS. EMPLOYEES SHLD WASH PROMPTLY W/SOAP WHEN SKIN BECOMES CONTAM. REMOVE CLTHG (SUPDAT)
Supplemental Safety and Health
NOTE:THIS IS A REFORMULATION. PART NUMBER INDICATOR "B" DENOTES NEWER PRODUCT THAN "A", 6850-00-N00-8187. INGREDIENTS & OTHER CHANGES APPLY . HYGIENE PRACT:IMMED WHEN IT BECOMES WET TO AVOID FLAMMABILITY.

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

HCC:V3
Boiling Pt:B.P. Text:344F,173C
Vapor Density:4
Spec Gravity:0.7 (H*20=1)
Evaporation Rate & Reference:<3 (BUTYL ACETATE=1)
Solubility in Water:NIL
Appearance and Odor:BROWN-BLACK; SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES
INCOMPATIBLE W/STRONG OXIDIZERS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS OR OPEN FLAME.
Hazardous Decomposition Products:IN FIRE WILL DECOMPOSE TO CARBON
DIOXIDE & WATER.

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL
REGULATIONS . DISPOSE OF AS HAZARDOUS WASTE I/A/W EPA RCRA.

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