

SPECTRUM CHEMICAL MANUFACTURING -- PETROLEUM ETHER - PETROLEUM ETHER,ACS
MATERIAL SAFETY DATA SHEET
NSN: 6810002271307
Manufacturer's CAGE: 63415
Part No. Indicator: A
Part Number/Trade Name: PETROLEUM ETHER

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General Information
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Item Name: PETROLEUM ETHER,ACS
Company's Name: SPECTRUM CHEMICAL MANUFACTURING CORP.
Company's Street: 14422 SOUTH SAN PEDRO STREET
Company's City: GARDENA
Company's State: CA
Company's Country: US
Company's Zip Code: 90248-2027
Company's Emerg Ph #: 800-772-8786
Company's Info Ph #: 714-864-2310
Distributor/Vendor # 1: CHEMICAL COMMODITIES AGENCY,INC
Distributor/Vendor # 1 Cage: 60777
Record No. For Safety Entry: 008
Tot Safety Entries This Stk#: 010
Status: SM
Date MSDS Prepared: 09OCT90
Safety Data Review Date: 10NOV97
Supply Item Manager: CX
MSDS Preparer's Name: C.A. EISENHARD
MSDS Serial Number: BDKSW
Specification Number: O-C-265
Hazard Characteristic Code: F3
Unit Of Issue: CN
Unit Of Issue Container Qty: 5.0GL
Type Of Container: CAN
Net Unit Weight: 27 POUNDS

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: BLEND OF MINERAL SPIRITS
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: DE3030000
CAS Number: 8030-30-6

OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

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Physical/Chemical Characteristics
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Appearance And Odor: COLORLESS TO LIGHT YELLOW LIQUID,GASOLINE-LIKE ODOR
Boiling Point: 95.0F,35.0C
Melting Point: <163F,<73C
Vapor Pressure (MM Hg/70 F): 100
Vapor Density (Air=1): 2.5
Specific Gravity: 0.642
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: FAST,>1(BUT.ACET=1)
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: 100
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Flash Point: -50F,-46C
Lower Explosive Limit: 1.1
Upper Explosive Limit: 5.9
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire And Expl Hazrds: CONFINED MATERIAL MAY EXPLODE UPON HEATING.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: OXIDES OF CARBON
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE NOTED

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Health Hazard Data
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LD50-LC50 Mixture: LDL0=50 MG/KG

Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: YES
 Route Of Entry - Ingestion: YES
 Health Haz Acute And Chronic: ACUTE:IRRITATION OF EYES,SKIN;INTOXICATION
 HEADACHE,NAUSEA,COMA,DIARRHEA,BURNING SENSATION.CHRONIC:MAY CAUSE
 HEMORRHAGES INTO VITAL ORGANS.
 Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 INTOXICATION,HEADACHE,NAUSEA COMA. INGESTION:NAUSEA,DIARRHEA,DROWSINESS;
 PULMONARY EDEMA,BURNING SENSATION.
 Emergency/First Aid Proc: INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF
 NEED;EYES/SKIN:FLUSH W LG AMTS H*20 FOR 15 MIN;INGEST:RINSE MOUTH; GET
 MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF
 OVEREXPOSURE.

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 Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: USE PROPER PERSONAL PROTECTION;ELIMINATE ALL
 IGNITION SOURCES;VENTILATE AREA;USE SUITABLE ABSORBENT MATERIAL AND RECOVER
 FOR PROPER DISPOSAL.
 Waste Disposal Method: DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH
 LOCAL,STATE AND FEDERAL REGULATIONS.
 Precautions-Handling/Storing: STORE IN COOL DRY AND WELL VENTILATED AREA.
 KEEP AWAY FROM HEAT,SPARKS,OPEN FLAMES.
 Other Precautions: USE CAUTION WHEN HANDLING OR CLEANING EMPTY DRUMS.

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 Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
 VAPORS/MIST IF ABOVE TLV.
 Ventilation: PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN <TLV
 Protective Gloves: NEOPRENE
 Eye Protection: SAFETY/CHEM GOGGLES
 Other Protective Equipment: FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
 WASH STATION
 Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN;DO NOT USE
 CONTAMINATED CLOTHES.WASH AFTER EACH USE.DO NOT BREATHE VAPORS OR EAT OR
 SMO

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 Transportation Data
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Trans Data Review Date: 98028
DOT PSN Code: LLS
DOT Proper Shipping Name: PETROLEUM SPIRIT
DOT Class: 3
DOT ID Number: UN1271
DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: LML
IATA PSN Code: TIW
IATA UN ID Number: 1268
IATA Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: TKP
AFI Prop. Shipping Name: PETROLEUM SPIRIT
AFI Class: 3
AFI ID Number: UN1271
AFI Pack Group: II
AFI Label: FLAMMABLE LIQUID
AFI Basic Pac Ref: A7.3
N.O.S. Shipping Name: MINERAL SPIRITS

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Disposal Data=====

Disposal Data Review Date: 88235
Rec # For This Disp Entry: 05
Tot Disp Entries Per NSN: 007
Landfill Ban Item: YES
Disposal Supplemental Data: MSDS DATED:8/81 IN CASE OF ACCIDENTAL EXPOSURE
OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.
1st EPA Haz Wst Code New: D001
1st EPA Haz Wst Name New: IGNITIBLE
1st EPA Haz Wst Char New: IGNITABILITY
1st EPA Acute Hazard New: NO

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Label Data=====

Label Required: P
Technical Review Date: 13OCT91
Label Status: F
Common Name: PETROLEUM ETHER
Signal Word: DANGER!

Acute Health Hazard-Moderate: X

Contact Hazard-Moderate: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard Precautions: FLAMMABLE MATERIAL;MAY BE IGNITED BY HEAT SPARKS,HEAT OR FLAMES.MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN. VAPORS MAY CAUSE HEADACHE,NAUSEA,DIZZINESS OR SUFFOCATION.CONTACT MAY IRRITATE OR BURN SKIN AND EYES.FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES.RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE VAPORS/MIST.KEEP AWAY FROM HEAT, OPEN FLAMES AND SPARKS.FIRST AID:IF INGESTED OR INHALED,REMOVE TO FRESH AIR/CPR AND CONSULT A PHYSICIAN.FOR EYES AND SKIN,FLUSH WITH RUNNING WATER FOR ABOUT 15-20 MINUTES AND SEEK MEDICAL HELP IMMEDIATELY.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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