

CSD, INC -- MINERAL SPIRIT -- 6850-00-285-8012

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

Product ID:MINERAL SPIRIT
MSDS Date:01/15/1991
FSC:6850
NIIN:00-285-8012
MSDS Number: BDTSC
=== Responsible Party ===
Company Name:CSD, INC
Address:5 HACKBERRY LANE
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Info Phone Num:409-756-1065
Emergency Phone Num:409-756-1065
Preparer's Name:DAVID SHIPP
CAGE:0LWP6

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= Contractor Identification ===
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
CAGE:4N760
Company Name:CSD, INC
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Phone:800-424-9300
CAGE:0LWP6

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

Ingred Name:VM & P NAPHTHA/ALIPHATIC PETROLEUM DISTILLATES
CAS:64742-89-8
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA P

EL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &
GI TRACTS. ACUTE- EYE:IRRITATION. SKIN:PROLONGED/REPEATED CONTACT
MAY CAUSE DEFATTING, DERMATITIS. INHALE:MAY CAUSE IRRITATION, CNS
EFFEC
TS, DIZZINESS. ORAL:HARM FUL/FATAL. ASPIRATION HAZARD. CNS
EFFECTS. CHRONIC- MAY CAUSE DERMATITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, DROWSINESS, DIZZINESS, NAUSEA,
VOMITING, HEADACHE, REDNESS, TEARING, BLURRED VISION, DEFATTING,
DERMATITIS, FATIGUE
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, HEART, CNS MAY HAVE
INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSUR
ES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES. HOLD EYELIDS OPEN. CALL DOCTOR. SKIN:WASH WITH SOAP &
WATER. ORAL :DO NOT INDUCE VOMITING. KEEP AT REST. GET MEDICAL
ATTENTION IMMEDIATELY. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS.

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

Flash Point
Method:TCC
Flash Point:100F,38C
Lower Limits:0.9%
Upper Limits:7.0%
Extinguishing Media:FOAM, DRY CHEMICAL/CARBON DIOXIDE. PRODUCT MAY
FLOAT AND CAN BE REIGNITED.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL
FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:VAPOR CAN TRAVEL CONSIDERABLE DISTANCE TO
A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO
VAPOR PRESSURE BUILD

UP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, OTHER SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT WELD, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO FLAME, SPARKS. AVOID REPEATED OR PROLONGED SKIN CONTACT. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC VAPORS (REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.

Work Hygienic Practices:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:308F - 396F

Vapor Pres:3.1

Spec Gravity:0.780

Viscosity:1 CST @ 79F

Evaporation Rate & R

Reference:0.1 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID, LITTLE IF ANY COLOR, SLIGHT OIL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (PEROXIDE, DICHROMATE, PERMANGANATE, CHLORINE, ETC.), MOLTEN SULFUR, HALOGENS

Stability Condition to Avoid:HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:

CARBON MONOXIDE, CARBON DIOXIDE AND OTHER HYDROCARBONS

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

Waste Disposal Methods:INCINERATE ABSORBED IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER D001 (IGNITABLE).

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