

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

===== 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

===== 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 PE

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

===== 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
EFFECT
S, 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 EXPOSURE
S.

===== 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.

===== 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 BUILDU

P.

===== 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 EQUI PMENTS. 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 BREATH E 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 V APORS (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 WAS H 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 & Re

ference: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 Product

s: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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