

SOLVENTS AND CHEMICALS, INC. -- DRY CLEANING SOLVENT TYPE I -- 6850-00-285-8012

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Product Identification
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Product ID: DRY CLEANING SOLVENT TYPE I

MSDS Date: 08/21/1998

FSC: 6850

NIIN: 00-285-8012

MSDS Number: BGVQS

==== Responsible Party ====

Company Name: SOLVENTS AND CHEMICALS, INC.

Address: 4704 SHANK ROAD

Box: 490

City: PEARLAND

State: TX

ZIP: 77581

Country: US

Info Phone Num: 713-485-5377/FAX-612

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Emergency Phone Num: 713-485-5377/800-424-9300(CHEMTREC)

CAGE: 4W432

==== Contractor Identification ====

Company Name: SOLVENTS AND CHEMICALS, INC.

Address: 4704 SHANK ROAD

Box: City: PEARLAND

State: TX

ZIP: 77588-0490

Country: US

Phone: 281-485-5377

CAGE: 4W432

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Composition/Information on Ingredients
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Ingred Name: SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC

CAS: 64742-88-7

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

Ingred Name: V

FLATILE ORGANIC CONTENT AS LISTED ON MSDS: 6.422 LBS/GAL

RTECS #:9999999VC

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

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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: EYES, SKIN, CNS,

RESPIRATORY & GI TRACTS. ACUTE- EYES: CAUSES IRRITA

TION, BLURRED

VISION. SKIN: MAY CAUSE IRRITATION, DEFATTING, DERMATITIS. INHALE:

MAY CAUSE RESPIRATORY IRRITATION, CNS DEPRESSION. ORAL: HARMFUL IF

SWALLOWED. MAY CAUSE NAUSEA, VOMITING. ASPIRATION HAZARD. CHRONIC-

MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, HEADACHE,

REDNESS, TEARING, BLURRED VISION, DEFATTING, DERMATITIS, DIZZINESS,

FATIGUE

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY

FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY

FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH

SOAP & WATER. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF

NECESSARY. ORAL: CALL A PHYSICIAN IMMEDIATELY.DO NOT INDUCE

VOMITING.

HAVE PATIENT LIE DOWN AND KEEP WARM. IF CONSCIOUS, RINSE

MOUTH WITH WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS

PERSON.

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

Flash Point Method:TCC

Flash Point:103F,39C

Autoignition Temp:Autoignition Temp Text:533F

Lower Limits:1.0

Extinguishing Media:USE FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY

BE INEFFECTIVE BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:DO NOT ENTER

ANY ENCLOSED OR CONFINED AREA
WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. CO
NTAIN 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 SOURCES OF IGNITION & STRONG OXIDIZING AGENTS. KEEP OUT
OF REACH OF CHILDREN.

Other Precautions:WARNING! FLAMMABLE. AVOID BREATHI
NG VAPORS. DO NOT

GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING
AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING
PROMPTLY. LAUNDER BEF ORE REUSE.

===== 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 APO
RS (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:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDE

D PROCEDURES.

Supplemental Safety and Health

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:310F - 358F

Vapor Pres:3.2 @ 68F

Vapor Density:4.7

Spec Gravity:0.771

Appearance and Odor:WATER-WHITE LIQUID, MILD ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS PERMANGANATES, CHROMATES AND PEROXIDES

Stability Condition to Avoid:HEAT, OPEN FLAMES, OTHER IGNITION SOURCES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:RECLAIM BY DISTILLATION OR INCINERATE ABSORBED MATERIALS IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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