

SOLVENTS AND CHEMICALS, INC. -- CALIBRATING FLUID TYPE II -- 6850-00-656-0810

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Product Identification
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Product ID:CALIBRATING FLUID TYPE II

MSDS Date:10/29/1998

FSC:6850

NIIN:00-656-0810

Status Code:A

MSDS Number: CJZMM

=== Responsible Party ===

Company Name:SOLVENTS AND CHEMICALS, INC.

Address:4704 SHANK ROAD

Box:490

City:PEARLAND

State:TX

ZIP:77588-0490

Country:US

Info Phone Num:281-4

85-5377

Emergency Phone Num:(800)424-9300

Preparer's Name:NOT PROVIDED.

Chemtec Ind/Phone:(800)424-9300

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

Contract Num:SP0450-00-M-D483

CAGE:4W432

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

CAS:64742-88-7

Fraction by Wt: UNKNOWN.

Other REC Limit

s:NOT PROVIDED.
OSHA PEL:500 PPM
ACGIH TLV:100 PPM

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

LD50 LC50 Mixture:NOT PROVIDED.

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE HAZARDS: EYE AND SKIN CONTACT:
PRIMARY IRRITATION TO SKIN, DEFATTING, DERMATITIS. PRIMARY
IRRITATION TO EYES, REDNESS, TEARING, BLURRED VISION. LIQUID CAN
CAUSE EYE IRRITATION. WASH THOROUGHLY AFTER HANDLING. INHALATION:
ANESTHETIC. IRRITATES

RESPIRATORY TRACT. ACUTE OVEREXPOSURE CAN
CAUSE SERIOUS NERVOUS SYSTEM DEPRESSION. VAPOR HARMFUL. SWALLOWING:
HARMFUL OR FATAL IF SWALLOWED. SWALLOWING CAN CAUSE ABDOMINAL
IRRITATION, NAUSEA, VOMITING & DIARRHEA.

Explanation of Carcinogenicity:THIS PRODUCT HAS NO CARCINOGENS LISTED
BY IARC, NTP, NIOSH, OSHA, OR ACGIH, AS OF THIS DATE, GREATER OR
EQUAL TO 0.1%.

Effects of Overexposure:PRIMARY IRRITATION TO SKIN, DEFATTING,
DERMATITIS. PRIMARY IRRITATION TO EYES, RED
NESS, TEARING, BLURRED

VISION. LIQUID CAN CAUSE EYE IRRITATION. WASH THOROUGHLY AFTER
HANDLING. INHALATION: ANESTHETIC . IRRITATES RESPIRATORY TRACT.
ACUTE OVEREXPOSURE CAN CAUSE SERIOUS NERVOUS SYSTEM DEPRESSION.
VAPOR HARMFUL. SWALLOWING: HARMFUL OR FATAL IF SWALLOWED.
SWALLOWING CAN CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING &
DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH SEVERE SKIN, LIVER OR
KIDNEY PROBLEMS SHOULD AVOID USE.

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= First Aid Measures =====

First Aid:EYE CONTACT: FOR EYES, FLUSH WITH PLENTY OF WATER FOR 15
MINUTES & GET MEDICAL ATTENTION. SKIN CONTACT: IN CASE OF CONTACT
WITH SKIN IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY
WITH SOAP & WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE.
INHALATION: AFTER HIGH VAPOR EXPOSURE, REMOVE TO FRESH AIR. IF
BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED GIVE
ARTIFICIAL RESPIRATION. SWALLOWING:

IF SWALLOWED, CALL A PHYSICIAN
IMMEDIATELY! DO NOT INDUCE VOMITING. HAVE PATIENT LIE DOWN & KEEP
WARM. VOMITING MAY LEAD TO PNEUMONITIS, WHICH MAY BE FATAL

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

Flash Point Method:TCC
Flash Point:=39.4C, 103.F
Autoignition Temp:=276.7C, 530.F
Lower Limits:1.0
Upper Limits:NOT PROVIDED
Extinguishing Media:NFPA CLASS B EXTINGUISHERS (CARBON DIOXIDE OR FOAM)
FOR CLASS II LIQUID FIRES.
Fire Fighting Procedures:WATER SPRAY
MAY BE INEFFECTIVE BUT CAN PROTECT
FIRE-FIGHTERS & COOL CLOSED CONTAINERS. USE FOG NOZZLES IF WATER IS
USED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR
(HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES & RUBBER BOOTS).
USE NIOSH APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING
APPARATUS.
Unusual Fire/Explosion Hazard:COMBUSTIBLE! KEEP CONTAINER TIGHTLY
CLOSED. ISOLATE FROM OXIDIZERS, HEAT, & OPEN FLAME. CLOSED
CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME
HEAT. APPLYING TO HOT
SURFACES REQUIRES SPECIAL PRECAUTIONS. EMPTY CONTAINER VERY
HAZARDOUS.

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

Spill Release Procedures:STOP SPILL AT SOURCE. DIKE AREA & CONTAIN.
CLEAN UP REMAINDER WITH ABSORBENT MATERIALS. MOP UP & DISPOSE OF.
Neutralizing Agent:NOT RELEVANT.

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

Handling and Storage Precautions:AVOID FREE FALL OF LIQUID. GROUND
CONTAINERS WHEN
TRANSFERRING. DO NOT FLAME CUT, BRAZE, OR WELD.
EMPTY CONTAINER VERY HAZARDOUS! CONTINUE ALL LABEL PRECAUTIONS!DO
NOT STORE ABOVE 49 C. STORE LARGE AMOUNTS IN STRUCTURES MADE FOR OSHA
CLASS II LIQUIDS. KEEP CONTAINER TIGHTLY CLOSED & UPRIGHT.
Other Precautions:AVOID FREE FALL OF LIQUID. GROUND CONTAINERS WHEN
TRANSFERRING. DO NOT FLAME CUT, BRAZE, OR WELD. EMPTY CONTAINER
VERY HAZARDOUS! CONTINUE ALL LABEL PRECAUTIONS!DO NOT STORE ABOVE
49 C. STORE LARGE AMOUNTS IN STRUCTURES

RES MADE FOR OSHA CLASS II
LIQUIDS. KEEP CONTANER TIGHTLY CLOSED & UPRIGHT.

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

Respiratory Protection:VENTILATE TO KEEP VAPORS OF THIS MATERIAL BELOW
50 PPM. IF OVER TLV, IN ACCORDANCE WITH 29 CFR 1910.134, USE NIOSH
APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.
CONSULT SAFETY EQUIPME NT SUPPLIER. USE EXPLOSION-PROOF EQUIPMENT.

Ventilation:LOCAL EXHAUST IS NECESSARY, MECHANICAL (GENERAL) IS
AC

CEPTABLE.

Protective Gloves:IMPERVIOUS

Eye Protection:OSHA STANDARD GOGGLES OR FACE SHIELD.

Other Protective Equipment:WEAR APRON & FOOTWEAR IMPERVIOUS TO THIS
MATERIAL. WASH CLOTHING BEFORE REUSE. CONSULT SAFETY EQUIPMENT
SUPPLIER.

Work Hygienic Practices:NOT PROVIDED.

Supplemental Safety and Health

NONE

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT.

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

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED.

Dec

omp Temp:Decomp Text:NOT PROVIDED.

Vapor Pres:1.3 @ 20C/68F

Vapor Density:4.7

Spec Gravity:0.771

VOC Pounds/Gallon:771

pH:NOT RELEVANT.

VOC Grams/Liter:6.42

Viscosity:NOT PROVIDED.

Evaporation Rate & Reference:NOT PROVIDED.

Solubility in Water:NOT PROVIDED.

Appearance and Odor:LIQUID, WATER-WHITE, MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

ISOLATE FROM STRONG OXIDIZERS SUCH AS PERMANGANATES, CHROMATES &
PERO

XIDES.

Stability Condition to Avoid: ISOLATE FROM OXIDIZERS, HEAT, & OPEN FLAME.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE FROM BURNING.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: THIS PRODUCT MAY CONTAIN LESS THAN 1 PPM OF BENZENE. NOT CONSIDERED HAZARDOUS IN SUCH LOW CONCENTRATIONS.

===== Ecological Information =====

Ecological: NOT PROVIDED.

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

Waste Disposal Methods: RECYCLE OR DISPOSE OF OBSERVING LOCAL, STATE & FEDERAL HEALTH, SAFETY & POLLUTION LAWS. IF QUESTIONS EXIST, CONTACT THE APPROPRIATE AGENCIES.

===== MSDS Transport Information =====

Transport Information: BULK: PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, UN1268, PG-III. NOT DOT REGULATED ON TRUCKS IN CONTAINERS OF < 119 GALLONS. DRUM LABEL: NONE (COMBUSTIBLE LIQUID)

===== Regulatory Information =====

SARA Title III Information: THIS MATERIAL CONTAINS NO KNOWN PRODUCTS RESTRICTED UNDER SARA TITLE III, SECTION 313 IN AMOUNTS GREATER OR EQUAL TO 1%.

Federal Regulatory Information: ALL COMPONENTS OF THIS PRODUCT ARE ON THE TSCA LIST.

State Regulatory Information: NOT PROVIDED.

Disclaimer (provided with this information by the compiling agencies):

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use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.