



MATERIAL SAFETY DATA SHEET

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name THINNER VDL 380
MSDS Number 403
Supplier TRANS TECH AMERICA, INC.
475 N. GARY AVENUE
CAROL STREAM, IL 60188 USA

Telephone Numbers - 24 Hour Emergency Assistance
Emergency (352)323-3500

Telephone Numbers - General Assistance
Information (630)752-4000

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Concentration	Exposure Limits / Health Hazards
CYCLOHEXANONE	108-94-1	10 - 20 %	OSHA PEL: 50ppm; ACGIH TLV: 25ppm OSHA/NIOSH IDLH TLV*: 100 mg/m3
BUTY GLYCOLATE	7397-62-8	20 - 50 %	OSHA PEL: 20ppm ACGIH TLV: 10mg/m3
DIACETONE ALCOHOL	123-42-2	20 - 50 %	OSHA PEL: 50ppm ACGIH TLV: 50ppm
SOLVENT NAPHTHA	64742-95-6	10 - 20 %	NA
1,2,4-TRIMETHYL BENZENE	95-63-6	5 - 10 %	OSHA PEL: 25ppm ACGIH TLV: 25ppm OSHA/NIOSH IDLH TLV*: Not established.
1,3,5-TRIMETHYL BENZENE	25551-13-7	1 - 5 %	OSHA PEL: 25ppm ACGIH TLV: 25ppm

3 HAZARDS IDENTIFICATION

Signs & Symptoms of Short-Term (Acute) Exposure

Risk of serious damage to eyes.

Effects of Long-Term (Chronic) Exposure

Repeated skin contact may cause dermatitis.

4 FIRST AID MEASURES

Skin

Wash immediately with soap and water.

Eye

Rinse thoroughly with plenty of water. See a physician for medical treatment.

Inhalation

Fresh air supply.

Ingestion

Call for medical assistance.

Medical Conditions Aggravated by Exposure

Skin allergies.

5 FIRE FIGHTING MEASURES

Extinguishing Media

Chemical powder, carbon dioxide and foam

Basic Fire Fighting Procedures

Full protective equipment including self-contained breathing apparatus should be used. Foam in large quantities. Cool endangered containers with water.

Unusual Fire & Explosion Hazards

Do not inhale fumes or decomposition products. Toxic gases may be generated by burning and by thermal decomposition.

Flash Point	63 C
Autolgnition Temperature	405 C
Flammability Limits in Air, Lower, % by Volume	0.8
Flammability Limits in Air, Upper, % by Volume	11.2

6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure

Remove sources of ignition and ventilate polluted area. Take up remnants with liquid-binding material like sane, etc. All spills should be cleaned up immediately.

7 HANDLING & STORAGE

Handling

Use only with skin and eye protection.

Storage

Keep away from ignition sources. Avoid contact with skin, eyes, and mucuous membranes. Do not eat, drink or smoke during handling. Do not empty into drains.

Ventilation

Local exhaust: yes use sufficient ventilation to keep the vapor concentration below the tlv-value.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Personal Protection Equipments (PPE)

When contact may occur, we recommend the use of chemical resistant and splash-proof safety goggles.

Skin Protection: Personal Protection Equipments (PPE)

When contact may occur, we advise the use of rubber gloves.

General

When using, do not eat, drink or smoke. Remove and wash contaminated when the work is finished.

9 PHYSICAL & CHEMICAL PROPERTIES

Odor and Appearance

Liquid

Boiling Point 156 C

Specific Gravity	0.92 %
Percent Volatile	(Ingredients with vapor pressure > 0.1 mbar) - 920 g/l
Vapor Pressure	4.5 (mm Hg.)
Vapor Density	3 - 4 (air = 1)
Solubility In Water	Insoluble

10 STABILITY & REACTIVITY

Stability/Incompatibility

Stable. Avoid strong oxidizers.

Hazardous Polymerization

Will not occur.

11 TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation, ingestion, skin and eye contact.

12 ECOLOGICAL INFORMATION

13 DISPOSAL CONSIDERATIONS

Waste Disposal

Follow federal, state and local regulations to dispose of or incinerate waste material.

14 TRANSPORT INFORMATION

Department of Transportation (DOT) Requirements:

General Transportation Information for Bulk Shipments

Proper Shipping Name	Flammable Liquid	UN/NA Code	1263
Hazard Class	Flammable Liquid		

15 REGULATORY INFORMATION

NFPA Ratings

Health	Flammability	Reactivity	Special Hazards
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HMIS Ratings

Health 1	Flammability 2	Reactivity 1	Personal Prot. Equip. B
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Following ingredients of this product are listed in SARA313

SARA Listed Ingredient Name	CAS Number	Maximum %
CYCLOHEXANONE	108-94-1	
DIACETONE ALCOHOL	123-42-2	
SOLVENT NAPHTHA	64742-95-6	
1,2,4-TRIMETHYL BENZENE	95-63-6	
1,3,5-TRIMETHYL BENZENE	25551-13-7	

Listed on the following Regulatory List(s)

SARA 313

16 OTHER INFORMATION

Disclaimer

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Completed On
Completed By

11/6/1998
TRANS TECH AMERICA, INC.

Replaces Sheet Dated

6/10/1998