



MATERIAL SAFETY DATA SHEET

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name THINNER VDL 1015
MSDS Number 289
CAS Number --0
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

3 HAZARDS IDENTIFICATION

Effects of Long-Term (Chronic) Exposure

Repeated skin contact may cause dermatitis. Excessive skin contact may cause dermatitis.

4 FIRST AID MEASURES

Skin

Wash skin with plenty of 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, foam, carbon dioxide

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	109 C
Autolgnition Temperature	335 C
Flammability Limits in Air, Lower, % by Volume	1
Flammability Limits in Air, Upper, % by Volume	9.8

6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure

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

7 HANDLING & STORAGE

Handling

NI

Storage

Use only with skin and eye protection. 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-protected safety goggles.

Skin Protection: Personal Protection Equipments (PPE)

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

9 PHYSICAL & CHEMICAL PROPERTIES

Odor and Appearance

Liquid

Boiling Point	313 C
Specific Gravity	0.94
Melting Point	NI
Percent Volatile	Ingredients with vapor pressure > 0.1 mbar) - 940 g/l
Vapor Pressure	6.5
Evaporation Rate	NI
Vapor Density	3 - 4
Solubility In Water	Insoluble

10 STABILITY & REACTIVITY

Stability/Incompatibility

Stable Strong oxidizers

Hazardous Reactions/Decomposition Products

Unknown

Hazardous Polymerization

Will not occur

11 TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation: fresh air supply. Eyes: rinse thoroughly with plenty of water. See a physician for medical treatment. Skin: wash immediately with soap and water. Ingestion: call for medical assistance.

12 ECOLOGICAL INFORMATION

13 DISPOSAL CONSIDERATIONS

Waste Disposal

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

14 TRANSPORT INFORMATION

15 REGULATORY INFORMATION

NFPA Ratings

Health

Flammability

Reactivity

Special Hazards

HMIS Ratings

Health 1

Flammability 2

Reactivity 0

Personal Prot. Equip. B

16 OTHER INFORMATION

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