



MATERIAL SAFETY DATA SHEET

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name FLOWING AGENT VL
MSDS Number 37
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 |
|----------------------|------------|---------------|------------------------------------|
| NAPHTHA, SOLVENT 100 | 64742-95-6 | 40 - 100 % | OSHA PEL: 100ppm ACGIH TLV: 125ppm |

3 HAZARDS IDENTIFICATION

Emergency Overview

Avoid prolonged contact with skin.

Signs & Symptoms of Short-Term (Acute) Exposure

Dizzy feeling, irritation of mucous membranes.

Effects of Long-Term (Chronic) Exposure

The effects of excessive, long-term exposure to this product have not been fully investigated.

4 FIRST AID MEASURES

Medical Conditions Aggravated by Exposure

ND

5 FIRE FIGHTING MEASURES

Extinguishing Media

Chemical powder, carbonic acid - co2, foam.

Basic Fire Fighting Procedures

Water spray may be ineffective. For extinguishing larger fires or inside buildings an independent self-contained breathing apparatus is recommended to protect fire fighters from any hazardous combustion products.

Unusual Fire & Explosion Hazards

Water may be used to cook endangered containers. Keep containers tightly closed.

Flash Point 45 C
Flammability Limits in Air, Lower, % by Volume 0.8

6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure

Take up with liquid binding materials, such as vermiculite. Take the material in closed containers to the responsible authority for elimination.

7 HANDLING & STORAGE

Handling

NI

Storage

Do not store above +50C. Keep tightly closed. Store containers away from heat in a cool ventilated place. No smoking.

Ventilation

Local exhaust: yes mechanical (general): yes

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Personal Protection Equipments (PPE)

When handling with thinner, use splash goggles. Use protective cream where skin contact is likely. Remove and wash contaminated clothing before re-use. Dont eat and drink at the working place. When using, do not eat, drink or smoke.

Skin Protection: Personal Protection Equipments (PPE)

Required for prolonged and repeated contact. Use neoprene gloves to prevent skin contact.

9 PHYSICAL & CHEMICAL PROPERTIES

Odor and Appearance

Clear liquid with odor of organic solvents

| | |
|---------------------|----------------------|
| Boiling Point | 160 C |
| Specific Gravity | 0.9 |
| Melting Point | NI |
| Percent Volatile | 6.76 lbs. per gallon |
| Vapor Pressure | 5 mbar 20C |
| Evaporation Rate | NI |
| Vapor Density | > 1 |
| Solubility In Water | Not soluble |

10 STABILITY & REACTIVITY

Stability/Incompatibility

Stable Peroxides and other strong oxidizers.

Hazardous Reactions/Decomposition Products

Ni

Hazardous Polymerization

Will not occur.

11 TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation: remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician. Eyes: splash; flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment. Skin: splash; wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Ingestion: do not induce vomiting. Consult a physician or poison control center immediately, treat symptomatically.

12 ECOLOGICAL INFORMATION

13 DISPOSAL CONSIDERATIONS

Waste Disposal

Disposal according to federal, state and local regulations.

14 TRANSPORT INFORMATION

15 REGULATORY INFORMATION

NFPA Ratings

Health

Flammability

Reactivity

Special Hazards

HMIS Ratings

Health 2

Flammability 1

Reactivity 0

Personal Prot. Equip. C

16 OTHER INFORMATION

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