



M A T E R I A L S A F E T Y D A T A S H E E T

24-Hour Emergency #: (U.S.) 1-800-535-5053 / (Outside U.S.) 352-323-3500

SECTION I: Product & Company Identification

Product Name: **Vapor Phase**
Catalog Number: **190110**
Manufactured by: Young Dental Manufacturing
13705 Shoreline Court East
Earth City, MO 63045
1.800.325.1881

SECTION II: Health Hazard Information

Appearance: Clear colorless liquid with a slight alcohol odor

Routes of Entry: Ingestion, skin contact, eye contact, inhalation

Signs and Symptoms of Exposure:

Ingestion: Nausea

Skin/Eye Contact: Itching, redness, and irritation

Inhalation: Nausea, light headedness

Medical Conditions Aggravated by Exposure: Alcoholism

NFPA Ratings: Health (1); Flammability (0); Reactivity (0)

SECTION III: Hazardous Components

Hazardous Components(s)	CAS Number	OSHA PEL	ACGIH TWA	% by Weight
Ethanol (Ethyl alcohol)*	64-17-5	1000 ppm	1000 ppm	69%
Dichan 100 (Dicyclohexylamine nitrate)**	3129-91-7	NA	NA	2%

*LD₅₀ – 7060 mg/kg Adult LD₅₀ – 3000 mg/kg Child

**LD₅₀ – 1100 mg/kg

SECTION IV: First Aid Procedures

Ingestion: Drink plenty of water and seek medical attention if large amounts are ingested.

Skin/Eye Contact: Wash with copious amounts of water for 15 minutes. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If dizziness occurs, seek medical attention.

SECTION V: Fire Fighting Measures

Flash Point: Does not support combustion

Flammable Limits: NA

Extinguishing Media: Water spray, dry chemical, alcohol foam, carbon dioxide

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Wear self-contained breathing apparatus

SECTION VI: Accidental Release Measures

In case of spill: Wipe up with a wet towel. Wash down the drain with water.

SECTION VII: Handling and Storage

Keep out of reach of children. Keep container tightly sealed when not in use. Do not store near a heat source.

SECTION VIII: Personal Protection

Protective wear: Gloves, eye protection, lab jacket or apron

Ventilation: Normal room ventilation

Respiratory Protection: None required

Work / Hygienic Practices: Wash hands thoroughly after use.

SECTION IX: Physical and Chemical Properties

Solubility: Soluble in water

Specific Gravity: 0.878

Boiling Point: 87°C (188.6°F) calculated

Melting Point: Not Determined

Evaporation Rate: Not Determined

Vapor Pressure: 33.2 mm Hg @ 22.2°C (72°F) calculated

Vapor Density: Not Determined

Appearance: Clear colorless liquid with a slight alcohol odor

SECTION X: Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Oxides of nitrogen, carbon monoxide

Conditions / Materials to Avoid: Strong oxidants

SECTION XI: Toxicological Information

Not available

SECTION XII: Ecological Information

Not available

SECTION XIII: Disposal Considerations

Dispose of in accordance with all applicable local, state, and federal regulations.

SECTION XIV: Transport Information

Not regulated

SECTION XV: Regulatory Information

Not available

SECTION XVI: Other Information

N/A

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