

SAFETY DATA SHEET



TECHNICAL INDUSTRIAL SALES
18574 South Highway 99E
PO Box 1957
Oregon City, OR 97045
(503) 656-5833 / Fax (503) 656-1526

SECTION 1. PRODUCT IDENTIFICATION

Product Number: TIS-010
Product Name: V-Glide
Product Description: Water-borne Emulsion
Date Prepared: June 21, 2016
Product Class: Not Regulated

SECTION 2. HAZARDS IDENTIFICATION

OSHA Regulatory Status:

This chemical is not considered hazardous by the 2012 OSHA Hazard Communications Standard (29 CFR 1910.1200).

GHS Label Elements:

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance: Emulsion
Physical State: Emulsion Liquid
Odor: Slight

Hazards Not Otherwise Classified (HNOC): Not Applicable

OTHER INFORMATION:

Not Applicable.
See Section 8 for additional exposure information.
Components listed as a suspected carcinogen: None

SECTION 3. COMPOSITION INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

The exact percentage of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

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Eye Contact: Direct contact with liquid may cause irritation. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician if irritation persists.

Skin: Repeated or prolonged skin contact with liquid may cause irritation. Wash skin with soap and water.

Inhalation: Inhalation of mists or vapors may cause respiratory tract irritation.

Ingestion: Clean mouth with water and drink afterwards with plenty of water.

Most important symptoms/effects, acute and delayed with overexposure:

Symptoms: No information available

Indication of Any Immediate Medical Attention and Special Treatment Needed:

Note to physicians: Treat symptomatically

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable Extinguishing Media:

CAUTION: Using water spray when fighting fire may be inefficient.

Specific Hazards Arising from the chemical:

No information available.

Explosion data:

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Special Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved equivalent) and full protective gear.

SECTION 6. SPILL OR LEAK PROCEDURES

Personal Precautions: Ensure adequate ventilation, especially in confined areas.

Environmental Precautions: See Section 12 for additional Ecological Information

Methods for Containment: Prevent further leakage or spillage if safe to do so.

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Methods for Cleaning Up: Clean contaminated surface thoroughly

Small Spill: Release of small amounts to sanitary sewer is inherent with normal end use. Use appropriate absorbent material to absorb residual material and transfer absorbed material to containers for disposal.

Large Spill: Stop spill at source using dam, dike or divert techniques to prevent spill from spreading. Salvage any free product for reuse, if possible. Use absorbent to absorb any residual material. Transfer into container for disposal in Class D landfill pending approval. Follow up with water flush.

SECTION 7. HANDLING AND STORAGE

Safe Handling Precautions: Handle in accordance with good industrial hygiene and safety practice .

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials: None known based on information supplied.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION EQUIPMENT

Occupational Exposure Limits:

ACGIH TLV	TLV(C)	STEL	OSHA STEL	PEL
Not Est. (Recommend 5 mg/m ³ as a mist or spray)				

Engineering Measures: Showers
Eye Wash Stations
Ventilation systems

Individual protection measures:

Eye/Face Protection: No special technical protective measures are necessary. Suggest using safety eye goggles when using.

Skin and Body Protection: Wear protective gloves and protective clothing.

Respiratory Protection: None normally required under normal use. If TLV of product or any component is exceeded, used an approved NIOSH/MSHA respirator. Good Hygiene controls should be implemented to control exposures.



SECTION 9 **PHYSICAL AND CHEMICAL PROPERTIES**

Pressure:	Not Available
Vapor Density Boiling Point:	>200 deg. F
Vapor:	Not Available
Specific Gravity:	0.96-01.00
Percent Volatiles:	Approx. 50% by vol. (as water)
Evaporation Rate:	Not determined for product
Appearance and odor:	White liquid, Slight odor.
pH:	8
Boiling Point:	>101 °C / 214 °F
VOC Content:	None

SECTION 10. **STABILITY AND REACTIVITY**

Reactivity:	No data available
Chemical Stability:	Product is stable under recommended storage conditions.
Hazardous Reactions:	Will not occur.
Incompatibility:	None Known
Hazardous Decomposition:	None Known.

SECTION 11. **TOXICOLOGICAL INFORMATION**

Information on Likely Routes of Exposure:

Product Information:	No data available
Inhalation:	No data available
Eye Contact:	No data available
Skin Contact:	No data available
Ingestion:	No data available

Information on Toxicological Effects:

Symptoms:	No data available
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Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization:	No information available
Germ Cell Mutagenicity:	No information available
Carcinogenicity:	No information available
Reproductive Toxicity:	No information available
STOT-Single Exposure:	No Information available
STOT-Repeated Exposure:	No information available
Target Organ Effects:	Eyes, Kidney, Respiratory System, Skin
Aspiration Hazard:	No information available

Numerical Measure of Toxicity – Product Information:

The following values are calculated based on chapter 3.2 of the GHS document

ATEmix (oral):	10,962 mg/kg
ATEmix (dermal):	4,052.00 mg/kg
ATEmix (inhalation-dust/mist):	14.26 mg/l

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

<u>Chemical Name</u>	<u>Algae/aquatic plants</u>	<u>Fish</u>	<u>Crustacea</u>
Glycerol 56-81-5		51-57 96 h Oncorhynchus mykiss (mL/L LC50 static	500; 2 Daphnia magna mg/L EC50

Persistence and Degradability:

No information available

Bioaccumulation:

No information available

Other Adverse Effects:

No Information available

SECTION 13. DISPOSAL CONSIDERATIONS

EPA Hazardous Waste Code: NONE

Waste Treatment Methods:

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated Packaging: Do not reuse container.

SECTION 14. TRANSPORTATION INFORMATION

DOT, TDG, MEX, ICAO (air), IATA, IMDG, RID,ADR, and ADN-----NOT REGULATED

SECTION 15. REGULATORY INFORMATION

International Inventories:

TSCA:	Complies
DSL/NDSL:	Complies
EINECS/ELIN CS:	Complies
ENCS:	Complies
IECSC:	Complies
KECL:	Complies
PICCS:	Complies
AICS:	Complies

US Federal Regulations:

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

This product does not contain any chemicals which are subject to the reporting requirements of the ACT and Title 40 of the Code of Federal Regulations, Part 372. Page 5 of 7

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SARA 311/312 Hazard Categories:

Acute health hazard: No
Chronic health hazard: No
Fire Hazard: No
Sudden release of Pressure hazard: No
Reactive hazard: No

CWA (Clean Water Act):

This product does not contain any substance regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA:

This material as supplied, does not contain any substance regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)(40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

U.S. State Right-to-know Regulations:

<u>Chemical</u>	<u>New Jersey</u>	<u>Massachusetts</u>	<u>Pennsylvania</u>
Water 7732-18-5	-	-	x
Glycerol 58-81-5	x	x	x

U.S. State Right-to-know Label Information:

EPA Pesticide registration number Not Applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION

NFPA	Health Hazards 0	Flammability 1	Instability 0	Physical and chemical Properties
HMIS	Health Hazards 0	Flammability 1	Physical Hazards 0	Personal Protection X

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Updated: July 1, 2016