



Safety Data Sheet

Issue Date: no data available

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Version: 1.02

1. IDENTIFICATION

Product Identifier:

Product Name: H2Gro

Product Number(s): G95780

Recommended Use of the Chemical and Restrictions on Use:

Description: Soil Surfactant

24-HOUR EMERGENCY TELEPHONE NUMBERS:

CHEMTREC (U.S.): 1-800-424-9300

CHEMTREC (International): 1-703-527-3887

Non-Emergency Calls: 1-800-492-8255

2. HAZARD(S) IDENTIFICATION

OSHA Regulatory Status:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious Eye Damage or Eye Irritation

Category 1

Label Elements:

Emergency Overview

Danger

Hazard Statements:

Causes serious eye damage



Physical State: liquid

Odor:

characteristic

Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician

Hazards Not Otherwise Classified (HNOC):

Other Information:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS-No	Weight %	Trade Secret
Poly ethylene glycol; PEG	25322-68-3	1-10	*
Alcohols, C6-12, ethoxylated	68439-45-2	1-10	*
Propane-1,2-diol, propoxylated	25322-69-4	0.5-3	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures:

- Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
- Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Indication of Any Immediate Medical Attention and Special Treatment Needed:

Notes to Physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Coordinate fire extinguishing measures to fire in surrounding area. Use dry chemical, CO₂, water spray or "alcohol" foam.

Unsuitable extinguishing media: High volume water jet.

Specific hazards: Thermal decomposition can lead to release of irritating gases and vapors.

Explosion Data:

Sensitivity to Mechanical Impact:

no data available.

Sensitivity to Static Discharge:

no data available.

Special Protective Equipment for Firefighters: Coordinate fire extinguishing measures to fire in surrounding area.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Boiling Point/Range:	No information available
Flash Point:	> 60 ° C
Evaporation Rate:	No information available
Flammability (solid, gas):	Non-flammable
Flammability Limits in Air:	
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure:	No information available
Vapor Density:	No information available
Specific Gravity:	No information available
Solubility:	miscible
Solubility in other Solvents:	No information available
Partition Coefficient:	No information available
Autoignition Temperature:	No information available
Decomposition Temperature:	No information available
Kinematic Viscosity:	No information available
Dynamic Viscosity:	No information available
Explosive Properties:	No information available
Oxidizing Properties:	No information available

Other Information:

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content (%):	No information available
Density:	1033 - 1035 kg/m ³
Bulk density:	No information available

10. STABILITY AND REACTIVITY

<u>Reactivity:</u>	Stable under normal conditions
<u>Chemically Stable:</u>	yes.
<u>Conditions to Avoid:</u>	Extreme heat.
<u>Materials to avoid</u>	No information available.
<u>Hazardous Decomposition Products:</u>	No information available.

Possibility of Hazardous Reactions: None under normal processing.

11. TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure (inhalation, ingestion, skin and eye contact):

Eye effects:	Causes serious eye damage
Skin effects:	May cause skin irritation
Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation:	May cause irritation of respiratory tract.

Component Information:

Ingredients	LD50 Oral	LD50 Dermal	LC50 Inhalation

Poly ethylene glycol; PEG 25322-68-3	-	> 20 mL/kg (Rabbit)	-
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Information on Toxicological Effects:**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:**

Mutagenic effects	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see Section 3.
Carcinogenicity:	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see Section 3.
Reproductive Toxicity	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see Section 3.
STOT - Single Exposure	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see Section 3.
STOT - Repeated Exposure	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see Section 3.
Aspiration Hazard	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see Section 3.

Numerical Measures of Toxicity - Product Information:

The following values are calculated based on chapter 3.1 of the GHS document: .

ATEmix (oral): 8333 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Unknown Aquatic Toxicity: 6% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects: No information available.

Persistence and degradability: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

DOT (Land)	Not DOT regulated
DOT (AIR)	Not regulated
DOT (Vessel)	Not regulated
IATA (Air)	Not regulated
IMO/IMDG (Vessel)	Not regulated

15. REGULATORY INFORMATION

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

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 substances 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 substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (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

State Regulations (RTK):

California Proposition 65:

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

U.S. EPA Label information:

EPA Pesticide Registration Number:

not applicable

16. OTHER INFORMATION

NFPA: **Health:** 2 **Flammability:** 0 **Reactivity:** 0

HMIS: **Health:** 2 **Flammability:** 0 **Reactivity:** 0

Revision Date: 26-Aug-2015

Revision Note:

Reason for revision: None

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End of Safety Data Sheet