

AgraSyst Inc. SAFETY DATA SHEET

Date of Issue: 2/26/17

Section 1. Chemical Product and Company Identification

SDS Number: AS013.2

Trade Name: GlyLoad

Chemical Family: Water Conditioner

**Manufacturer: AgraSyst Inc: 16417 North Napa Ln. Spokane, WA
99208 Tel. (509) 467 2167**

Section 2. Hazard(s) Identification

GHS CLASSIFICATION:

Health		Environmental	Physical
Acute Toxicity Oral	Category 4	Aquatic Toxicity: Yes	Fire Hazard: 1
Acute Toxicity Dermal:	Category 4		Reactivity: 0
Acute Toxicity Inhalation:	Category 4		Health: 1
Skin Irritation:	Category 3		
Skin Sensitizer:	NO		
Eye:	Category 1		



SIGNAL WORD: DANGER

Hazard Statements

H302: Harmful if swallowed
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H335: May cause respiratory irritation
H400: Very toxic to Aquatic life

Precautionary Statements

P301+310+P330+P331: IF SWALLOWED: Wash out mouth thoroughly with water. Get medical attention. Contact a Poison Control Center. Do not induce vomiting.
P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+338+P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Get medical advice/attention.
P337+313: If eye irritation persists get medical advice/attention
P306+360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

Appearance and Odor: Amber liquid, mild odor
Causes severe eye irritation
Can cause mild skin irritation
Harmful if swallowed
Slightly toxic if inhaled

Section 3. Composition, Information and Ingredients

<u>Components</u>	<u>% by</u>
Polyethoxylated Tallowamine	34%
Hydrogensulfate	20%
Constituents ineffective as spray adjuvants	46%

Section 4. First Aid Measures

First Aid – Eyes: Immediately flush with plenty of water for at least 15 minutes. Get medical Attention.

First Aid - Skin Immediately flush with plenty of water while removing contaminated clothing. As soon as soap is available, wash thoroughly with soap and water. Wash clothing before reuse.

First Aid - Ingestion Wash out mouth thoroughly with water. Get medical attention. Contact a Poison Control Center. Do not induce vomiting.

First Aid – Inhaled: None Normally needed. Remove to fresh air if breathing is difficult. Give oxygen and call a physician.

Section 5. Fire Fighting Measures

Flash Point: Greater than 200 degrees F.

Extinguishing Media – Flood with water, Dry chemical, CO2 or alcohol foam.

Unusual fire and explosion hazards: None.

Section 6. Accidental Release Measures

Observe all protection and safety precautions when cleaning up spills

Liquid spills on floor or other impervious surfaces should be contained or diked and should be absorbed with attapulgite, bentonite or other absorbent clays. Collect contaminated absorbent, place in a plastic-lined metal drum and dispose of in accordance with instruction provided under

Disposal. Thoroughly scrub floor with strong industrial type detergent solution and rinse with water.

Liquid spills that soak in the ground should be dug-up and placed in plastic-lined metal and disposed of in accordance with instruction provided under **Disposal**.

Leaking containers should be separated and its contents transferred to a plastic-lined drum or other non- leaking container. Disposal of leaking container should be done in accordance with instruction provided under Disposal.

Do not contaminate water, or food by storage or disposal.

Section 7. Handling and Storage

Do not get in eye, on skin, or on clothing. Wear goggles or face shield and rubber gloves in transferring and mixing. Wash thoroughly with soap and water after handling.

Storage: Store in original container. In case of leak or spill, use absorbent material to contain liquids and disposed of wastes. Store this product above 32 degrees F to keep for thickening. If frozen, warm in an area that is less than 100 degrees F prior to use.

Section 8. Exposure Controls, Personal Protection



Eye Protection: Where there is potential for eye contact, wear chemical goggles and have flushing equipment immediately available.

Skin Protection: Wear appropriate protective clothing and chemical resistant gloves to prevent skin contact. Wear face shield and chemical resistant clothing when splashing is likely. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse. Wash thoroughly after handling

Respiratory Protection: This product is not likely to present an airborne exposure concern under normal use. Use NIOSH/MSHA approved respiratory protection equipment if needed for exposure during unusual handling. Respiratory protection programs must comply with 29 CFR 1910.134.

Ventilation: No special precautions recommended.

Airborne Exposure Limits: Not Established

Section 9. Physical and Chemical Properties

Chemical Identity: Water Conditioning Adjuvant

Appearance: Liquid, clear, pale brown

Odor: Mild

Melting Point: -3C

Boiling Point: 103C

Specific Gravity: 1.6 g/ml

Density: 9.72 lbs/gal

% Solubility in water: 100

% Solubility In Solvents: Acetone 100%

Vapor Pressure: Less than 3mm hg (3 torr)

Viscosity: 30 cps @ 72 F 45 cps @ 32 F

Neat pH: 2.5

Does not hydrolyze in water.

Section 10. Stability and Reactivity

Stability: Product is stable under normal conditions of use, storage and handling.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: CO₂, CO, Nitrogen

Hazardous Polymerization: None

Section 11. Toxicological Information

ACUTE INHALATION TOXICITY MIST: Defined LC₅₀ is 2.01 mg/L in male and female rats.

ACUTE ORAL TOXICITY: Acute Oral LD₅₀ is estimated to be 3129 mg/kg in female rats.

PRIMARY EYE IRRITATION: classified as severely irritating to the eye.

PRIMARY SKIN IRRITATION: classified not irritating.

ACUTE DERMAL TOXICITY: Acute Oral LD₅₀ is estimated to be greater than 5000 mg/kg in female rats.

Section 12. Ecological information

Environmental effects: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 13. Disposal Consideration

This material when discard is not a hazardous waste as that term is defined by the Resource, Conservation and Recovery act. (RCRA, 40 CFR 261. Dispose of by landfill, incineration or recycle in accordance with local, state and federal regulations.

Section 14. Transport Information

Regulatory		Proper shipping	Class	Pack	Information group
DOT Classification:	Not regulated				
TDG Classification:	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Amines, tallow alkyl, ethoxylated). Marine pollutant	9	III	Marine pollutant
IMDG Class:	UN3082	Environmentally hazardous substance, liquid, n.o.s. (Amines, tallow alkyl, ethoxylated). Marine Polutant	9	III	Emergency
Schedules					F-A, S-F Marine pollutant
IATA-DGR Class		Environmentally hazardous substance,	9	III	Passenger and Aircraft
Cargo		liquid, n.o.s. (Amines, tallow alkyl, ethoxylated). instructions:			limitation: 450 L Packaging 914 Cargo Aircraft
Quantity					Only Quantity limitation 450L Packaging instructions: 914

Freight Classification: adhesives, Adjuvants, Spreaders or Stickers (NMFC 4610; CLASS: LTL 55; TL 35)

Section 15. Regulatory Information

United States:

HCS:

Irritating material. Target organ effects.

TSCA:

8(b) inventory all components exempted.

EPA: All ingredients exempt from the requirement of a tolerance as specified in CFR40,180.

CERCLA: No ingredients listed

Hazardous substances: No ingredients listed

SARA 313: This product does not contain nor is it manufactured with ozone depleting substances.

Section 16. Other Information

Hazardous Material U.S.A.	Health	1
	Fire Hazard	0
	Reactivity	0
National Fire Protection	Health	2
	Fire Hazard	0
	Reactivity	0

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THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behavior of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.

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