

# AgraSyst Inc. SAFETY DATA SHEET Date of Issue: 5/15/06

## Section 1. Chemical Product and Company Identification

**MSDS Number: AS001.3**

**Trade Name: Load Out**

**Chemical Family: Surfactant water conditioning agent.**

**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:	Category 4	Aquatic Toxicity:	Fire Hazard: 1
Skin Irritation:	Category 3	Yes	Reactivity: 0
Skin Sensitizer:	NO		Health: 1
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 advise/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**

### Section 3. Composition, Information and Ingredients

<u>Components</u>	<u>% by weight</u>
<b>Chemical Name(s): Proprietary mixture alkyl polyethoxylates,</b>	<b>30%</b>
<b>Hydrogen Sulfate</b>	<b>4%</b>
<b>Inert</b>	<b>66%</b>

### Section 4. First Aid Measures

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

**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, place 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 handlings

**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 from 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 Spray Adjuvant

**Appearance:** Liquid, clear, pale brown

**Odor:** Mild

**Melting Point:** -3C

**Boiling Point:** 96C

**Specific Gravity:** 1.05 g/ml

**Density:** 8.8 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

**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:** CO<sub>2</sub>, CO, Nitrogen

**Hazardous Polymerization:** None

## Section 11. Toxicological Information

**General:** Alkyl polyethoxylate and amine polyethoxylate surfactants are considered to be mildly toxic by ingestion and dermal contact.

Amine polyethoxylate surfactants will cause severe eye irritation to rabbit eyes.

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

<b>Hazardous Material U.S.A.</b>	<b>Health</b>	<b>1</b>
	<b>Fire Hazard</b>	<b>0</b>
	<b>Reactivity</b>	<b>0</b>
<b>National Fire Protection</b>	<b>Health</b>	<b>2</b>
	<b>Fire Hazard</b>	<b>0</b>
	<b>Reactivity</b>	<b>0</b>

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***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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Revised 9/30/14