

## MATERIAL SAFETY DATA SHEET

AGRILIANCE, LLC  
P.O. Box 64089, St. Paul, MN 55164-0089

**PRODUCT NAME(S)**

For Emergency Call: 800-228-5635 or  
Chem Trec: 800-424-9300

**SILKIN™**

Effective Date: 03/26/02

**I. IDENTIFICATION**

**CHEMICAL NAME OF PRIMARY COMPONENT(S):** Alkylphenol ethoxylate, Polyether-modified Polysiloxane and Propylene glycol

**FORMULA:** Not applicable**MOLECULAR WEIGHT:** Not applicable**SYNONYMS:** Not applicable**CAS # & NAME:** Not applicable**EPA Reg No.** Not applicable**II. INGREDIENTS/SUMMARY OF HAZARDS**

(H)/INGREDIENT(S)	CAS NUMBER	OSHA HAZARD NON-HAZARD (NH)	PERCENT
Alkylphenol ethoxylate, Polyether-modified Polysiloxane	N/A	NH	86 – 90%
Propylene glycol	57-55-6	NH	<12%

	NFPA <sup>1/</sup>	HMIS <sup>2/</sup>
HEALTH	1	1
FIRE	0	0
REACTIVITY	0	0

1/ National Fire Protection Association Rating

2/ Hazardous Materials Identification System

(4 = Extreme/Severe 3 = High/Serious 2 = Moderate 1 = Slight 0 = Minimum)

**SARA TITLE III HAZARD CLASSIFICATION**

IMMEDIATE (ACUTE) HEALTH	Yes
DELAYED (CHRONIC) HEALTH	No
FIRE	No
SUDDEN RELEASE OF PRESSURE	No
REACTIVE	No

**III. PHYSICAL DATA**

**SPECIFIC GRAVITY:** 1.046  
**BOILING POINT:** 760 mm Hg;>150°C (Copolymer)  
**FREEZING POINT:** Not determined  
**VAPOR PRESSURE:** At 20°C<1 mm Hg  
**SOLUBILITY IN WATER:** Not determined  
**APPEARANCE:** Clear to amber liquid  
**ODOR:** Slight polyether odor

**IV. FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 240°F (PMCC)  
**FLAMMABLE LIMITS IN AIR:** Not determined  
**AUTOIGNITION TEMPERATURE:** Not determined  
**EXTINGUISHING MEDIA:** Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer or ordinary) for large fires. Water stream may spread flames.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should use self contained breathing apparatus and full turnout gear. Prevent runoff of fire water. Avoid exposure to smoke.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not use water or foam directly on the fire.

**V. REACTIVITY DATA**

**STABILITY:** Stable under normal conditions.  
**CONDITIONS TO AVOID:** None known  
**MATERIALS TO AVOID:** None known  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Silicon Dioxide, Carbon Dioxide, and traces of incompletely burned carbon products.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES**

**TOXICOLOGY DATA:** 1)  
**Acute Oral<sub>50</sub> (rat)** 2,360 mg/kg (rats)  
**Acute Dermal LD<sub>50</sub> (rabbit):** < 5,000 mg/kg (rats)  
**Acute Inhalation:** Not determined  
**Eye Irritation (rabbit):** Moderately irritating, irritation clearing by day 7  
**Dermal Irritation (rabbit):** Mild irritation, PFI average = 0.1  
**Dermal Sensitization:** Not a sensitizer

**EXPOSURE LIMITS:**

CHEMICAL NAME(S)	1ACGIH (TLV)	OSHA (TWA)

**CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY:** Not listed as a carcinogen by NRC, IARC or OSHA

**SIGNS OF POISONING:** Local Irritation

**PRIMARY ROUTES OF ENTRY:** Skin/eye contact

**EFFECTS OF SINGLE OVEREXPOSURE:**

**Swallowing:** Not expected to cause adverse effects unless swallowed in large amounts.

**Skin Absorption:** This material could increase dermatitis conditions.

**Eyes:** May cause irritation.

**EFFECTS OF REPEATED OVEREXPOSURE:** Prolonged or repeated overexposure may cause skin and/or eye irritation.

**OTHER EFFECTS OF OVEREXPOSURE:** None known

**EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:** None known

**EMERGENCY AND FIRST AID PROCEDURES:**

**Swallowing:** If large amounts are accidentally ingested, call a physician or poison control centre.

**Skin:** Wash affected area with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing separately..

**Eyes:** Hold eyelids open and flush with a steady stream of water for at least 15 minutes. GET MEDICAL ATTENTION.

**NOTE TO PHYSICIAN:** Treat symptomatically.

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## VII. PRECAUTIONS FOR SAFE HANDLING AND USE

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### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Dike the area using absorbent or materials such as sand or clay. Recover and contain as much product as possible using absorbent. Clean spill area using a solution of water and detergent. Collect and contain wash water and all contaminated absorbent for disposal. If spilled on the ground, the affected area should be excavated to a depth of 1 - 2 inches. Prevent the spilled product or washings from reaching public sewers or waterways. Wear appropriate protective equipment during the cleanup. Ensure that tools and equipment are adequately decontaminated.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

**CONTAINER DISPOSAL:** Dispose of in an approved facility according to federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in a cool, dry area away from sources of heat or ignition.

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## VIII. SPECIAL PROTECTION INFORMATION

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### PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES:

- Manufacture or formulation of this product.
- Repair and maintenance of contaminated equipment.
- Clean up of leaks and spills.
- Any other activity that may result in hazardous exposures.

**RESPIRATORY PROTECTION:** Not required under normal use conditions. If required, use NIOSH/MSHA approved respirator for organic vapors.

**VENTILATION:** Local exhaust

**PROTECTIVE CLOTHING:** Chemical resistant gloves, coveralls, apron and foot coverings.

**EYE PROTECTION:** Goggles

**USER SAFETY RECOMMENDATIONS:** Safety showers and eye wash should be easily accessible.

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## IX. REGULATORY STATUS

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**TSCA INVENTORY STATUS:**

**TRANSPORTATION STATUS:**

**DOT INFORMATION:** Not regulated

Container Capacity	Proper Shipping Name	Hazard Class	Label	Packing Group

### SARA TITLE III

**Section 302-304 (40 CFR 350):**

**Extremely Hazardous Substance (EHS):** Not listed

**Section 312, Reporting (40 CFR 370):**

**SARA/OSHA Hazardous Chemical Reporting Quantity:** Not applicable

**Section 313, Toxic Chemicals:** Not listed

**Reportable Quantity (RQ):** Not applicable

**RCRA HAZARDOUS WASTE:** Not listed

**International Right-To-Know Regulations:**

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## X. REFERENCES

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- 1) Supplier sponsored studies.

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