



Safety Data Sheet **PROSPRED**

SDS Number: 101-A Revision: March 27, 2020

Section 1 · IDENTIFICATION


Product Name PROSPRED
Other Identification Organomodified Polydimethylsiloxane

Recommended Use Agricultural Industry – Spray adjuvant

Manufacturer
Company Name Integrated Agribusiness Professionals
Address 7108 N Fresno St, Suite 150, Fresno, CA 93720, United States
Telephone (800) 355-4457
Website www.iapros.com

Emergency Contacts Integrated Agribusiness Professionals. (559) 440-1980
CHEMTREC (800) 424-9300 (Domestic)
(703) 527-3887 (International)

Section 2 · HAZARD(S) IDENTIFICATION

Signal Word	Warning
<i>Label</i>	
Physical Hazards	Not Classified.
Health Hazards	Category 2
Reactivity Hazards	Category 0
Environmental Hazards	Category 0
Flammability Hazards	Category 1
OSHA Defined Hazards	Not Classified.
Hazard Statement	H332 Harmful in inhaled H320 Causes eye irritation
Storage	Keep container closed. Store in original container.
Disposal	Disposal should be made in accordance with federal, state and local regulations.

Section 3 · COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures	Chemical Name	Common Name & Synonyms	CAS Number	%
	Siloxane Polyalkyleneoxide Copolymer	N/A		Proprietary



Polyalkylene Oxide
Other components below
reportable levels

N/A

Proprietary
N/A

Section 4 · FIRST-AID MEASURES

Inhalation	Remove victim from contaminated atmosphere. If breathing is labored, administer oxygen. If breathing has ceased, clear airway and start CPR. Obtain medical attention.
Skin Contact	Immediately flush with large quantities of water. Remove contaminated clothing under a safety shower. Continue rinsing. Obtain medical attention if irritation occurs.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart during irrigation to ensure thorough flushing of the entire area of the eye and lids. Remove contact lenses, if present and easy to do. Get medical attention immediately. Continue rinsing.
Ingestion	If victim is conscious, give 2 to 4 glasses of water. Do not induce vomiting. Obtain medical attention.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Section 5 · FIRE-FIGHTING MEASURES

Suitable extinguishing	Use dry chemical CO2. Alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing	None known.
Specific hazards arising from the chemical	In a fire or if heated, a pressure increase will occur and the container may burst.
Special protective equipment and precautions for firefighters	Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Carbon dioxide, Carbon Monoxide Silicon oxides. Measurements at temperatures above 150° C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

Section 6 · ACCIDENTAL RELEASE MEASURES



Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding area. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled materials. Do not breathe vapor or mist. Provide adequate ventilation.

Methods and materials for containment and cleaning up

- Large Spills* Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13 of SDS). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
- Small Spills* Stop leak if without risk. Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

Environmental precautions

Do not allow runoff to sewer, waterway or ground.

Section 7 · *HANDELING & STORAGE*

Precautions for safe handling

Put on appropriate personal protective equipment (see section 8 of SDS). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 · *EXPOSURE CONTROLS/PERSONAL PROTECTION*

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Use adequate exhaust ventilation to prevent inhalation of product vapors. Keep eye wash/safety shower in areas where product is commonly handled.



Personal protective equipment (PPE)

<i>Eye/face protection</i>	Wear safety glasses with side shields (or goggles) and a face shield.
<i>Skin protection</i>	Neoprene rubber gloves and apron should be worn to prevent repeated or prolonged contact with the liquid. Wash contaminated clothing prior to reuse.
<i>Hand protection</i>	Wear appropriate chemical resistant gloves.
<i>Respiratory protection</i>	None generally required. If conditions exist where mist may be generated, a NIOSH/MSHA approved mist respirator should be worn.
<i>Thermal hazards</i>	Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

There are no known hazards associated with this product when use as recommended, however common good industrial hygiene practices should be followed, such as washing thoroughly after handling and before eating or drinking.

Section 9 · PHYSICAL & CHEMICAL PROPERTIES

Appearance	Pale yellow liquid.
Odor	Polyether
Odor threshold	N/A
pH	8.36
Melting point/freezing point	-50°C; -58°F
Initial boiling point and boiling range	> 350°F
Flash point	143°C; 289°F
Evaporation rate	< 1(n-Butyl acetate-1)
Flammability (solid, gas)	N/A
Upper/lower flammability or explosive limits	
<i>Flammability limit - lower (%)</i>	N/A
<i>Flammability limit - upper (%)</i>	N/A
Explosive limit - lower (%)	N/A
Explosive limit - upper (%)	N/A
Vapor density	N/A
Relative density	8.0 lbs/gal
Solubility(ies)	
<i>Solubility (water)</i>	100%
Partition coefficient (n-octanol/water)	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Viscosity	N/A

Section 10 · STABILITY & REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	N/A



Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon dioxide, Carbon Monoxide Silicon oxides. Measurements at temperatures above 150° C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

Section 11 • TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

<i>Ingestion</i>	Not determined.
<i>Inhalation</i>	Not determined.
<i>Skin Contact</i>	Not determined.
<i>Eye Contact</i>	Not determined.

Symptoms related to the physical, chemical and toxicological characteristics	Not determined.
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Information on toxicological effects:

Acute toxicity	Not determined.
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Skin corrosion/irritation	Not determined.
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Serious eye damage/eye irritation	Moderate to severe irritation.
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Respiratory or skin sensitization

<i>Respiratory sensitization</i>	Not available.
<i>Skin sensitization</i>	Brief contact is not irritating. Prolonged contact may result in minor irritation, transient local redness or swelling.

Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
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Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
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OSHA Specifically Regulated Substances	Not listed.
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Reproductive toxicity	This product is not expected to cause reproductive or developmental effects
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Specific target organ toxicity - single exposure	Not classified.
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Specific target organ toxicity - repeated exposure	Not classified.
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Aspiration hazard	Not available.
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Section 12 · **ECOLOGICAL INFORMATION**

Ecotoxicity	Not determined
Persistence and degradability	No data is available on the degradability of this product
Bio accumulative potential	Not available
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 · **DISPOSAL CONSIDERATION**

Disposal instructions	Consult federal, state and local regulations for disposal requirements.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 · **TRANSPORT INFORMATION**

General Not DOT regulated in domestic (USA ground) transportation.

DOT - Basic shipping requirements:

UN number UN3082

DOT Label 9

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S
(Polyalkyleneoxide modified Heptmethyltrisiloxane)

Hazard class 9

Packing group III

IMGD - Basic shipping requirements:

UN number UN3082

IMGD Label 9

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S
(Polyalkyleneoxide modified Heptmethyltrisiloxane)

Hazard class 9

Packing group III

EMS NO F-A; S-F

IATA - Basic shipping requirements:

UN number UN3082



Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S
(Polyalkyleneoxide modified Heptmethyltrisiloxane)
Hazard class 9
Packing group III
OCAP 9MI
Environmental hazards
Marine pollutant No
Special precautions Read safety instructions, SDS and emergency procedures before handling.

Section 15 • REGULATORY INFORMATION

US federal regulations The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) inventory or are not required to be listed on the TSCA inventory.

Proposition 65 (CA) Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

<i>Reportable Quantity</i>	Not applicable
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SARA 304 Emergency release notification Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<i>Hazard categories</i>	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No

SARA 302 Extremely hazardous substance Not listed

SARA 311/312 Hazardous chemical No

Section 16 • OTHER INFORMATION

Issue date March 27, 2020

Disclaimer The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.