

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Proteris™ Defoamer**
Manufactured for: Titan Pro SCI
1301 S. 24th Street
Clear Lake, IA 50428-4014
Product Use: Antifoaming and Defoaming Agent
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call: (641) 357-7283

2. HAZARDS IDENTIFICATION

GHS Classification:

Skin Irritation, Category 2, H315
Eye Irritation, Category 2A, H319



H315 and H319

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary Statements:

Prevention

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P264: Wash protective equipment and work clothes thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Treat symptomatically.
P332+P313: If skin irritation occurs: Get medical advice or attention.
P337+P313: If eye irritation persists: Get medical attention or advice.
P362+P364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	OSHA TWA	US. NIOSH TWA	Weight %
Polydimethylsiloxane	63148-62-9	---	---	5 – 35
Tridecylalcohol ethoxylate	24938-91-8	---	---	≤ 5
Amorphous silica	112926-00-8	0.8 mg/m ³	6 mg/m ³	≤ 5

4. FIRST AID MEASURES

IF SWALLOWED: Rinse mouth. Have person sip a glass of water if able to swallow. **Do not induce vomiting** unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
IF ON SKIN: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

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- IF INHALED:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.
- IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention or advice.
- Medical Conditions Aggravated by Overexposure:** Repeated or prolonged exposure is not known to aggravate medical condition.
- Other Effects:** This product is not a carcinogen by NTP, OSHA and ACGIH.

5. FIREFIGHTING MEASURES

- Suitable Extinguishing media:** Water fog, CO₂ or dry chemicals may be used where product is stored. Do not use water jet as an extinguisher, as this will spread the fire.
- Specific Hazards:** During fire, gases hazardous to health may be formed. This material may generate formaldehyde at temperatures greater than 150°C (300°F) in air or the presence of oxygen. Product is noncombustible.
- PPE and Precautions:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

- In Case of Spill:** Stop the flow of material, if this is without risk. Isolate area. Keep unnecessary personnel away. Evacuate the spill area, except for cleanup personnel. Wear personal protective equipment (PPE). Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal.
- Disposal:** Product is immiscible with water and will spread on the water surface. The product is slippery under foot; flush smooth surfaces thoroughly. Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Keep away from heat, sparks and flame. Keep container closed. Safety goggles and eyewash recommended. USDA-accepted Nitrile (CFR-20) or Neoprene Rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Product should be stored in a dry place. Partially used containers should be resealed between uses for maximum storage stability.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Component Exposure Limits:** See Section 3.
- Eye/Face Protections:** Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with chemicals.
- Skin Protection:** Wear chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.
- Respiratory Protection:** Not required under normal use conditions with good ventilation. Protect against spray mists.
- General Protection:** Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.
- Note:** When selecting personal protective equipment/clothing, follow all the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky-white liquid	UEL:	N/D
Odor:	Mild to none.	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	4 to 5	Vapor Density: (Air = 1):	> 1 (25°C)
Melting Point:	Not available.	Relative Density:	0.97 to 1.02
Boiling Point:	Not available.	Solubility in water:	Insoluble
Flash Point:	>212 F	Partition Coefficient:	N/D
Evap. Rate (Butylacetate =1):	<1	Autoignition Temperature:	N/D
Flammability:	N/D	Decomposition Temperature:	N/D

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	Contact with incompatible materials.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Burning may produce oxides of carbon and silicon.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	Female albino rats, LD50 > 5000 mg/kg
Acute Eye Irritation:	Albino rabbits, moderately irritating
Acute Dermal Irritation:	Albino rabbits, slightly irritating
Acute Dermal Toxicity:	Albino rats, LD50 > 5050 mg/kg

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.

Container Reuse: An empty container can contain product residue and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. Dispose of contents/container to disposal plant in accordance federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail):	Not Regulated
IATA Status (Air):	Not Regulated
Marine Pollutant:	No

15. REGULATORY INFORMATION

TSCA:	All components of this product are listed under the regulation of the Toxic Substance Control Act.
SARA HAZARD: Title III, Section 313:	Contains no Section 313 listed substances subject to reporting requirement.
AICS (Australia):	Components listed
DSL (Canada):	Components listed
EINECS (Europe):	Components listed
TSCA:	Components listed

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16. OTHER INFORMATION

Date Prepared: August 8, 2019

Last Updated: January 9, 2020

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, TITAN PRO SCI MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.