

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

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

2. HAZARDS IDENTIFICATION

7GHS Classification:

Metal Corrosion, Category 1, H290
Acute Toxicity, Category 4 (oral), H302
Skin Corrosion, Category 1A, H314
Eye Damage, Category 1, H318



H302



H290,H314,H318

Signal Word: Danger

Hazard Statements:

H290: May be corrosive to metals.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.

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.
P234: Keep only in original packaging.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash protective equipment and work clothes thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves. Wear eye protection or face protection.

Response

P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340: If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor or Chemtrec.
P321: Treat Symptomatically.
P330: Rinse mouth.
P363: Wash contaminated clothing before reuse.
P390: Absorb spillage to prevent material-damage.

SAFETY DATA SHEET

Storage

P405: Store locked up.

P406: Store in a corrosion resistant/...container with a resistant inner liner.

Disposal

P501: Dispose of contents/container to disposal plant in accordance federal, state and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
Sodium Hydroxide	1310-73-2	20-25%
Nonionic Surfactant	Proprietary	5-10%

4. FIRST AID MEASURES

IF SWALLOWED: Call a POISON CENTER/doctor or Chemtrec if person feels unwell. Rinse mouth. Have a 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. Treat symptomatically.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice or attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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 advice or attention.

Other Effects: Chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.

Absorb spillage to prevent material-damage.

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water Spray (Fog), Dry Chemical, CO₂, or Foam may be used where product is stored.

Specific Hazards: Product is non-combustible.

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: Evacuate the spill area, except for cleanup personnel. Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle, or proper disposal.

Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Danger. Corrosive Liquid. Store locked up. Store in a corrosion resistant container with a resistant inner liner. Do not get in eyes, on skin or clothing. Avoid breathing of dust, spray or mist. Keep container closed when not in use. Wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: N/D

When selecting personal protective equipment and clothing, follow all of 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.

SAFETY DATA SHEET

Eye/Face Protections:	Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.
Skin Protection:	Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear and chemical-resistant gloves 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:	Protect against spray mists & dust clouds. Use respirator in areas of poor ventilation.
General Protection:	Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI Z358.1-2009.
Personal Protection in Case of Large Spill:	Splash goggles, full suit, boots, gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, straw colored viscous liquid	UEL:	N/D
Odor:	Bland odor	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	13.5 - 14 ± 0.5	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	10.39 lbs/gallon
Freezing Point:	N/D	Solubility:	Dispersible in water
Boiling Point:	>212°F	Partition Coefficient:	N/D
Flash Point:	N/A	Autoignition Temperature:	N/D
Evaporation Rate:	Same as water	Decomposition Temperature:	N/D
Flammability:	N/D		

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	None
Incompatible Materials:	Strong acids and strong oxidizers. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products:	Burning may produce oxides of carbon and other substances.

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

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:	All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.
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 container to disposal plant in accordance with federal, state and local regulations.

SAFETY DATA SHEET

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): UN3266, Corrosive liquid, basic, inorganic, n.o.s. (contains Sodium Hydroxide), 8, PGII
EXCEPTION: 49CFR 173.254(b)(2) inner packaging not over 1 Liter (0.3 gallons)
IATA Status (Air): UN3266, Corrosive liquid, basic, inorganic, n.o.s. (contains Sodium Hydroxide), 8, PGII
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: No

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.