



## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PROFASORB

**MANUFACTURER:** Geoponics Corp.  
3415 Radio Road # 105  
Naples, FL 34104

**EMERGENCY PHONE:** 1-800-424-9300 CHEMTREC  
**COMPANY PHONE:** 239.261.6500  
**FAX PHONE:** (239)692.8653

**TRADE NAME:** PROFASORB  
**SYNONYMS:** Surfactant  
**FORMULA:** Proprietary  
**CHEMICAL FAMILY:** Pigment Dyestuff

### SECTION 2: COMPOSITION/INFORMATION OF HAZARDOUS INGREDIENTS

**INGREDIENTS**

| Cas #      | Percentage  | Chemical Name   |
|------------|-------------|---|
| 68439-57-6 | 40.0 - 50.0 | Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts |

### SECTION 3: HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, ingestion, skin

**Target Organs:** Gastrointestinal system.

**Inhalation:** May cause damage to upper respiratory tract and to lung tissue

**Skin Contact:** May cause severe burns.

**Eye Contact:** May cause irritation or severe burn to eyes.

**Ingestion:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**HMIS III** H\*2/F1/PH0

| HMIS III   |   |   |
|--|---|---|
| HEALTH   | ☑ | 2 |
| FLAMMABILITY   |   | 1 |
| PHYSICAL HAZARDS   |   | 0 |
| PERSONAL PROTECTION<br>D   Face Shield and Eye<br>Protection, Gloves,<br>Apron |   |   |

**GHS Signal Word:** DANGER

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**GHS Hazard Pictograms:**



**GHS Classifications:**

Health, Serious Eye Damage/Eye Irritation, 1  
Health, Skin corrosion/irritation, 2  
Health, Acute toxicity, 5 Inhalation

**GHS Precautionary Statements:**

P262 - Do not get in eyes, on skin, or on clothing.  
P264 - Wash \_ thoroughly after handling.  
P281 - Use personal protective equipment as required.  
P302+352 - IF ON SKIN: Wash with soap and water.

**GHS Phrases:**

H318 - Causes serious eye damage  
H315 - Causes skin irritation  
H333 - May be harmful if inhaled

**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Move victim to fresh air. Get prompt medical attention.

**Skin Contact:** Promptly flush skin with water until all chemical is removed. Get medical attention if needed. Wash with soap and water. May cause irritation and severe burns to the skin. Remove contaminated clothing and wash before reuse.

**Eye Contact:** Check for and remove contact lenses.  
Flush with large amounts of water for 15 minutes, occasionally lifting the upper and lower eyelids.  
Seek prompt Medical attention.  
Do not use an eye ointment.

**SECTION 5: FIRE-FIGHTING MEASURES**

**FLAMMABILITY:** MAY BE COMBUSTABLE AT HIGH TEMPERATURES LIGHTLY FLAMMABLE IN PRESENCE OF OPEN FLAMES AND SPARKS OF HEAT

**FLASH POINT:** > 200 deg. F

**BURNING RATE:** NOT APPLICABLE

**AUTOIGNITION:** NOT APPLICABLE

**LEL:** 2%

**UEL:** 12.3%

**SMALL FIRE:** USE DRY CHEMICAL POWDER.  
**LARGE FIRE:** USE WATER SPRAY, FOG OR FOAM. DO NOT USE WATER JET

**Unusual Fire or Explosion Hazards:** Risk of explosion of the product in presence of mechanical impact: Not available. Risk of explosion of the product in presence of static discharge: Not available.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

If necessary: Neutralize with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**LARGE SPILL:** Corrosive liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do NOT get inside container. Do NOT touch spilled material.

Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with the dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

#### SECTION 7: HANDLING AND STORAGE

**HANDLING PRECAUTIONS :** KEEP CONTAINER CLOSED TIGHTLY, DRY AND IN A COOL PLACE. ALL EQUIPMENT SHOULD BE GROUNDED. COMBUSTIBLE MATERIAL SHOULD BE STORED AWAY FROM EXTREME HEAT AND AWAY FROM STRONG OXIDIZING AGENTS. DO NOT INGEST. DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY. WEAR SUITABLE PROTECTIVE CLOTHING IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. IF INGESTED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THE CONTAINER OR LABEL. AVOID CONTACT WITH SKIN AND EYES.

**STORAGE REQUIREMENTS:** KEEP CONTAINERS CLOSED TIGHTLY KEEP CONTAINERS IN A COOL, WELL VENTILATED PLACE. COMBUSTIBLE MATERIALS SHOULD BE STORED AWAY FROM EXTREME HEAT AND AWAY FROM STRONG OXIDIZING AGENTS.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

**PERSONAL PROTECTIVE EQUIPMENT:** Splash goggles; Lab Coat; Vapor respirator; Gloves In case of large spill: Splash goggles; Full suit; Vapor respirator; Boots; Gloves A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist BEFORE handling this product. Splash goggles; Lab Coat; Vapor respirator; Gloves

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| <b>APPEARANCE:</b>                            | Colorless Liquid                         |
| <b>ODOR:</b>                                  | Faint Odor                               |
| <b>PHYSICAL STATE:</b>                        | Liquid                                   |
| <b>ODOR THRESHOLD:</b>                        | Not available                            |
| <b>BOILING POINT:</b>                         | > 212 F (Water)                          |
| <b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b> | 1.01 - 1.02 (Water =1)                   |
| <b>FLAMABILITY:</b>                           | SLIGHTLY FLAMMABLE                       |
| <b>PH:</b>                                    | (10% soln/water) 7.0 - 8.5               |
| <b>MOLECULAR FORMULA:</b>                     | No applicable                            |
| <b>SOLUBILITY:</b>                            | Easily soluble in cold water, hot water. |
| <b>FREEZING/MELTING PT.:</b>                  | <40° F                                   |

#### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Product is stable under normal conditions  
**CONDITIONS TO AVOID (STABILITY):** STRONG ACIDS, STRONG BASES AND OXIDIZERS  
**MATERIALS TO AVOID:** Highly reactive with acids. Reactive with oxidizing agents.

**HAZARDOUS DECOMPOSITION:** MAY PRODUCE SULFUR DIOXIDE AND HYDROGEN SULFIDE

#### SECTION 11: TOXICOLOGICAL INFORMATION

**ROUTE OF ENTRY:** Eye contact. Inhalation. Ingestion.

**Acute Toxicity:**

Oral ( LD 50): 4700mg/Kg body weight

Inhalation ( LC 50): Not Available

Skin irritation: rabbit: 9530 UL?KG (Mild Skin irritant)

Eye irritation: rabbit: : expected to be a mild irritant

Sensitization: NOT KNOWN

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Chronic Toxicity: Not Available

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

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

**SECTION 14: TRANSPORT INFORMATION**

Non-hazardous for air, sea and road freight.  
\*\*\* This product is not shipped by water or air\*\*\*\*

**SECTION 15: REGULATORY INFORMATION**

COMPONENT / (CAS/PERC) / CODES  
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\*Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439576 n/a%) TSCA

REGULATORY KEY DESCRIPTIONS

CERCLA: Super Clean up Substance  
CSWHS: Clean Water Act Hazardous Substances  
MASS: MA Massachusetts Hazardous substance list  
OSHA: OSHA workplace air contaminants  
PA: PA Right to know list of hazardous substances  
TSCA: Toxic substances control Act  
TXAIR: TX Air contaminants with health effects screening level  
HAP: Hazardous air pollutants

**SECTION 16: OTHER INFORMATION**

**OTHER INFORMATION:** None known

**PREPARATION INFORMATION:** IN ACCORDANCE WITH GOOD PRACTICES FO PERSONAL CLEANLINESS AND HYGIENE. HANDLE WITH DUE CARE AND AVOID UNNECESSARY CONTACT WITH THIS PRODUCT.

**DISCLAIMER:** The above information is not claiming characteristics of the product in term of legal claims of performance / guarantee. This information is given in good faith and based on our current knowledge of the product.  
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