

Safety Data Sheet

PROTECH-001 - ProTech Prosthetic Cleaner

Revision Date: 26-Aug-2013

Issue Date 23-Aug-2013 Revision Date: 26-Aug-2013 Version 1

1. IDENTIFICATION

Product Identifier
Product Name ProTech Prosthetic Cleaner

Other means of identification
SDS # PROTECH-001

Recommended use of the chemical and restrictions on use
Recommended Use Prosthetic cleaner.

Details of the supplier of the safety data sheet.

Supplier Address
 ProTech Professional Products, Inc.
 2900 N.W. Commerce Park Dr.
 Suite 10
 Boynton Beach, FL 33426

Emergency Telephone Number
Company Phone Number 1-800-872-8898
 1-561-493-9818
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Acute Toxicity - Oral	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Oxidizing Solids	Category 3

Signal Word
 Danger

Hazard Statements

Harmful if swallowed.
 Causes severe skin burns and eye damage.
 May intensify fire; oxidizer.



Appearance White, free-flowing solid

Physical State Solid

Odor Odorless

3. COMPOSITION/INFORMATION ON INGREDIENTS

Precautionary Statements - Prevention
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Do not breathe dust/fume/gas/mist/vapor/spray
 Wear protective gloves/protective clothing/eye protection/face protection
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep/Store away from clothing/heat/combustible materials
 Take any precaution to avoid mixing with combustibles

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Immediately call a POISON CENTER or doctor/physician
 Rinse mouth
 Do not induce vomiting
IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

Other Hazards

Harmful to aquatic life with long lasting effects
 Harmful to aquatic life

Chemical Name	CAS No	Weight-%
Trade Secret	Proprietary	80-90

The specific chemical identity of this composition is being withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.
Skin Contact	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
Ingestion	Rinse mouth. Do not induce vomiting. Give water to conscious/alert person. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Most important symptoms and effects

Symptoms	Irritation to lungs and respiratory tract if dust is inhaled. Eye contact may result in redness, pain, blurred vision, burning sensation. Prolonged contact may even cause severe skin irritation or mild burn. Nausea. Vomiting.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Storage of large masses of this product can trap heat and lead to ignition of paper bags. Grinding or intensive mixing can cause ignition of oxidizable material present.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Wear protective equipment including rubber boots, rubber gloves, rubber apron, and chemical goggles.
Environmental Precautions	Prevent material from entering surface waters, drains or sewers and open soil.

Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Sweep up and shovel into suitable containers for disposal. Clean up in accordance with all applicable regulations. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling	Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapor/spray. Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep/Store away from clothing/heat/combustible materials. Take any precaution to avoid mixing with combustibles. Avoid contact with skin, eyes or clothing. Do not cut, grind, weld, or drill on or near this container. Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep bags dry at all times. Closely stacked bags should not exceed a 4 foot cube. Do not store near combustible materials.
Incompatible Materials	Compounds containing halides or active halogens can release the respective halogen if moisture is present. Mixture with cyanides can release poisonous hydrogen gas. Mixture with heavy metal salts can release flammable oxygen gas.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate engineering controls

Engineering Controls Ventilation systems. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Chemical goggles or equivalent eye protection.
Skin and Body Protection	Leather gloves. Normal work clothing (long sleeved shirts and long pants) is recommended.
Respiratory Protection	NIOSH-approved dust respirator or mask in the absence of adequate environmental controls at the point of use.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Odorless
Appearance	White, free-flowing solid	Odor Threshold	Not determined
Color	White		
Property	Values	Remarks - Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Decomposes		
Flash Point	None	Tag Closed Cup	(butyl acetate = 1)
Evaporation Rate	+1		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not applicable		
Vapor Pressure	NI		
Vapor Density	Not applicable		
Specific Gravity	1.1-1.4		(1=Water)
Water Solubility	25.6%		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition Temperature	Not applicable		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

See below - Incompatible Materials.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

None known.

Incompatible Materials

Compounds containing halides or active halogens can release the respective halogen if moisture is present; Mixture with cyanides can release poisonous hydrogen gas; Mixture with heavy metal salts can release flammable oxygen gas.

Hazardous Decomposition Products

Oxygen.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Eye Contact	Causes severe eye damage.
Skin Contact	Causes severe skin burns. May be harmful in contact with skin.
Inhalation	Avoid inhalation of dust.
Ingestion	Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	= 1204 mg/kg (Rat)	> 2000 mg/kg (Rat) > 11000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h > 14 mg/L (Rat) 1 h

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret		22- 86 h Brachydanio rerio mg/L LC50 semi-static		5.3: 24 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Please contact manufacturer for most current information

IATA

Please contact manufacturer for most current information

IMDG

Please contact manufacturer for most current information

15. REGULATORY INFORMATION**International Inventories**

Not determined

US Federal Regulations**SARA 313**

Not determined

US State Regulations**US State Right-to-Know Regulations**
Not determined**16. OTHER INFORMATION**

NEPA	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	determined Personal
HMS	Health Hazards	Flammability	Physical Hazards	Protection
	Not determined	Not determined	Not determined	Not determined

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Revision Note New format**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet