



Section 1. Product and Company Identification

Product Name Propyl Paraben
CAS Number 94-13-3

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800 ☎ (914) 654-6899
🌐 parchem.com ✉ info@parchem.com

EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Classification REGULATION (EC) No. 1272/2008: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification (67/548/EEC, 1999/45/EC): Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Section 3. Composition / Information on Ingredients

Common Name Propyl Paraben
Synonym(s) Propyl 4-hydroxybenzoate
CAS Number 94-13-3

COMPONENT	CAS NUMBER	CONCENTRATION
Propyl Paraben	94-13-3	100% wt.

Section 4. First Aid Measures

Eye Contact: If easy to do, remove contact lens, if worn. Rinse eyes immediately with plenty of water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms develop.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms develop.

Ingestion: If swallowed, do not induce vomiting. If symptoms persist, call a physician.

Section 5. Firefighting Measures

Suitable Extinguishing Media: Dry chemical, water spray jet, foam, carbon dioxide (CO₂)

Unsuitable extinguishing Media: High volume water jet



Specific Hazards: Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products may be formed under fire conditions (see Section 10). Exposure to decomposition products may be a health hazard.

Special Protective Equipment: Wear full protective fire gear including a self-contained breathing apparatus operated in the positive pressure mode with full face piece, coat, pants, gloves and boots.

Further Information: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6. Accidental Release Measures

Personal Precautions: Refer to Sections 7 and 8 for protective measures. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition.

Environmental Precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains, inform respective authorities.

Methods for Clean-up: Use mechanical handling equipment. Shovel or sweep up. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

Section 7. Handling and Storage

Handling

Advice on Safe Handling: For personal protection see Section 8. Avoid creating dust. Do not breathe dust. Avoid contact with skin and eyes.

Advice on Protection against Fire and Explosion: Normal measures for preventive fire protection. Keep away from sources of ignition. No smoking.

Storage

Requirements for Storage Areas and Containers: Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on Common Storage: Keep away from food and drink. Incompatible with bases. Incompatible with oxidizing agents.

Other Information: No decomposition if stored and applied as directed.

Section 8. Exposure Controls / Personal Protection

Components with Workplace Control Parameters: Contains no substances with occupational exposure limit values.

Engineering Controls: Provide adequate ventilation.

Personal Protective Equipment

Respiratory Protection: Respirator must be worn if exposed to dust. Half mask with a particle filter P2 (EN 143).

Hand Protection: Wear suitable gloves. Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye Protection: Tightly fitting safety goggles.

Skin and Body Protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. General industrial hygiene practice. Do not breathe dust. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Wash contaminated clothing before re-use.

Section 9. Physical and Chemical Properties

Appearance: Crystalline powder

Color: White

Odor: Odorless or faint characteristic odor

Flash Point: No data available

Ignition Temperature: > 600°C

Lower Explosion Limit: 15,000 mg/m³

Upper Explosion Limit: No data available

pH: No data available

Melting Point: 96 - 98°C

Boiling Point (1.3 hPa): 133°C

Density: 1.067 g/cm³

Vapor Pressure (25°C): 0.00074 hPa

Water Solubility: Practically insoluble

Partition Coefficient (n-Octanol/Water): log Pow: 3.04

Relative Vapor Density: 6.21 (Air=1)

Section 10. Stability and Reactivity

Material to Avoid: Bases, oxidizing agents

Hazardous Decomposition Products: In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

Hazardous Reactions: Dust can form an explosive mixture with air.

Stability: No decomposition if stored and applied as directed.

Section 11. Toxicological Information

Acute Oral Toxicity

LD50 (Mouse): > 6,332 mg/kg

LD50 (Rat): > 15,000 mg/kg

Acute Inhalation Toxicity: No data available

Acute Dermal Toxicity: LD50 (mouse): > 1,650 mg/kg

Genotoxicity in Vitro

Type: Ames test

Result: Negative

Type: Chromosome aberration test in vitro

Result: Negative

Skin Irritation: Slight irritation.

Eye Irritation: No eye irritation.

Sensitization

Species: Guinea pig

Result: Did not cause sensitization on laboratory animals.

Method: Draize test

Section 12. Ecological Information

Ecotoxicity Effects

Toxicity to Fish

LC50 (Leuciscus idus (Golden Orfe)): 10 mg/L

Exposure Time: 48 hrs

Note: Data from similar compositions.

Toxicity to Aquatic Invertebrates

EC50 (Daphnia magna (Water Flea)): > 10-100 mg/L

Exposure Time: 48 hrs

Toxicity to Aquatic Plants: No data available.

Elimination Information (Persistence and Degradability)

Biodegradability: Readily biodegradable.

Further Information on Ecology: The product should not be allowed to enter drains, water courses or the soil.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

UN Number: Not classified.

Land-Road/Railway

ADR/RID Class: Not dangerous goods.

ADR/RIF Item Number: Not dangerous goods.

Inland Waterways

ADNR Class: Not dangerous goods.

Sea

IMDG Class: Not dangerous goods.

IMDG Page Number: -

Air

IATA-DGR Class: Not dangerous goods.

Section 15. Regulatory Information

U.S.A.: This product is on the TSCA inventory or is exempt.

EU: Compliant with EC Seventh Amendment directive 92/32/EEC.

Japan: Compliant with the Chemical Substances Control Law of Japan.

Australia: Compliant with chemical notification requirements in Australia.

Korea: Compliant in Korea.

Philippines: Compliant with the Philippines Toxic Substance and Hazardous Nuclear Waste Control Act.

Canada: Compliant with Canadian Environmental Protection Act and is present on the DSL.

Labelling Regulation (EC) No. 1272/2008: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Labelling According to EC Directives

67/548/EEC: This product does not need to be labelled in accordance with EC Directives or respective national laws.

Further Information: Reserved for industrial and professional use.

Seveso Directive (96/82/EC): Update 2003 - Directive 96/82/EC does not apply.



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 7/17/2015

