



## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Distributor:** **McKinley Resources, Inc.**  
P.O. Box 810472  
Dallas, Texas 75381  
Office: 972-620-9730  
Fax: 972-421-1860

**Product Name:** **PROPYLPARABEN, NF**

## SECTION 2. HAZARD IDENTIFICATION

**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

Chemical Name	CAS No.	EC No.	% WT
Propyl 4-hydroxybenzoate	94-13-3	202-307-7	100

No dangerous ingredients according to Regulation (EC) No. 1907/2006

## 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. FIRE FIGHTING 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.

**Other Information on Limit Values:** See Section 16.

**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/m<sup>3</sup>  
**Upper Explosion Limit:** No data available  
**pH:** No data available  
**Melting Point:** 96°-98°C  
**Boiling Point:** 133°C at 1.3 hPa  
**Density:** 1.067 g/cm<sup>3</sup>  
**Vapor Pressure:** 0.00074 hPa at 25°C  
**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 (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), 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

<b>Acute Oral Toxicity:</b>	LD50 (mouse): > 6,332 mg/kg LD50 (rat): > 15,000 mg/kg
<b>Acute Inhalation Toxicity:</b>	No data available
<b>Acute Dermal Toxicity:</b>	LD50 (mouse): > 1,650 mg/kg
<b>Genotoxicity in Vitro:</b>	Type: Ames test Result: Negative  Type: Chromosome aberration test in vitro Result: Negative
<b>Skin Irritation:</b>	Slight irritation.
<b>Eye Irritation:</b>	No eye irritation.
<b>Sensitization:</b>	Species: Guinea pig Result: Did not cause sensitization on laboratory animals. Method: Draize test

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity Effects

<b>Toxicity to Fish:</b>	LC50 (Leuciscus idus (Golden orfe)): 10 mg/l Exposure Time: 48 hrs Note: Data from similar compositions.
<b>Toxicity to Aquatic Invertebrates:</b>	EC50 (Daphnia magna (water flea)): > 10-100 mg/l Exposure Time: 48 hrs
<b>Toxicity to Aquatic Plants:</b>	No data available.

### Elimination Information (Persistence and Degradability)

<b>Biodegradability:</b>	Readily biodegradable.
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### Further Information on Ecology

<b>Additional Information:</b>	The product should not be allowed to enter drains, water courses or the soil.
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## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with local, state and federal regulations. Do not dispose of together with household waste. Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14. TRANSPORT INFORMATION

<b>UN NUMBER:</b>	Not classified.
<b>Land-Road/Railway:</b>	
ADR/RID Class:	Not dangerous goods.

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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 McKinley Resources, Inc. 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**

*McKinley Resources, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. McKinley Resources, Inc. makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, McKinley Resources Inc. will not be responsible for damages resulting from use of or reliance upon this information.*

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