

Methyl Paraben NF
Safety Data Sheet
Product Code 670
Revision Date: May 17, 2021



Protameen Chemicals Inc.
375 Minnisink Rd.
Totowa, NJ 07511
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Section 1. Product and Company Identification

Distributor: PROTAMEEN CHEMICALS INC.
375 Minnisink Rd.
Totowa, NJ 07511
(973) 256-4374

Manufacturer: UENO Fine Chemicals Industry, Ltd.
2-4-8, Koraihashi, Chuo-ku
Osaka, 541-8543
Japan
+81-6-6203-0798

Supplier in U.S.A:
ChemicalStore.com
+1(973) 405-6248

Emergency Phone No.: Chem-Tel 1-800-255-3924

Product Name: METHYL PARABEN, NF
INCI: Methylparaben
CAS Number: 99-76-3

Issue Date: August 25, 2011
Revision Date: May 17, 2021

Section 2. Hazard Identification

Classification REGULATION (EC) No. 1272/2008:
Chronic aquatic toxicity, Category 3 H412: Harmful to aquatic life with long lasting effects.

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

Labelling (Regulation (EC) NO 1272/2008):

Hazard statements: H402 Harmful to aquatic life.



Precautionary statements: H411 Toxic to aquatic life with long effects.
Prevention: P273 Avoid release to the environment.
Disposal: P501 Dispose of contents/container to approved waste disposal plant.

Section 3. Composition / Information On Ingredients

The product is a chemical substance within the meaning of the REACH Regulation (1907/2006/EC).
The following table contains the main constituent at the top.
Further dangerous ingredients are mentioned when necessary in accordance with Appendix II No. 3.1 of the REACH Regulation.



Chemical Name	CAS No.	EC No.	Registration Number	% WT
Methyl 4-hydroxybenzoate	99-76-3	202-785-7	01-2119463264-40-0002	98 – 100

Section 4. First Aid Measures

General Advice: If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

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 facepiece, 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.

Environmental Exposure Controls:

General Advice: Do not flush into surface water or sanitary water system.
If the product contaminates rivers and lakes or drains inform respective authorities.

Section 9. Physical and Chemical Properties

Appearance:	Crystalline powder
Color:	White
Odor:	Odorless or faint characteristic odor
Flash Point:	168°C
Ignition Temperature:	> 600°C
Thermal Decomposition:	270-280°C
Lower Explosion Limit:	15.000 mg/m³
Upper Explosion Limit:	No data available

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pH:	5.72 at 20°C (concentration 1.88 g/l)
Melting Point:	125°C
Density:	No data available
Vapor Pressure:	0.000028 Pa at 20°C
Water Solubility:	1.88 g/l at 20°C
Partition Coefficient n-octanol/water:	log Pow: 1.96
Relative Vapor Density:	5.23 (Air=1)

Section 10. Stability and Reactivity

Chemical Stability:	This product is chemically stable.
Material to Avoid:	Bases, oxidizing agents
Hazardous Decomposition Products:	In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO ₂), 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 (rat): > 2,100 mg/kg
Acute Inhalation Toxicity:	No data available
Acute Dermal Toxicity:	No data available
Genotoxicity in Vitro:	Type: Ames test Result: Negative Type: Chromosome aberration test in vitro Result: Negative
Skin Irritation:	Species: rabbit Mild skin irritation
Eye Irritation:	Species: rabbit Mild eye irritation
Sensitization:	Species: Guinea pig Result: Did not cause sensitization on laboratory animals.
Toxicology Assessment: CMR Effects:	Mutagenicity: In vivo tests did not show mutagenic effects.



Section 12. Ecological Information

Ecotoxicity Effects

Toxicity to Fish: LC50 (*Oryzias latipes* (Orange-red killifish)): 60 mg/l
Exposure Time: 96 hrs

Toxicity to Aquatic Invertebrates: EC50 (*Daphnia magna* (water flea)): 36 mg/l
Exposure Time: 48 hrs

NOEC (*Daphnia*): 0.20 mg/l
Exposure Time: 21 days

Toxicity to Aquatic Plants: EC50 (*Pseudokirchneriella subcapitata*): 91 mg/l
Exposure Time: 72 hrs

Elimination Information (Persistence and Degradability)

Bioaccumulation: No data available
Biodegradability: Readily biodegradable

Further Information on Ecology

Biochemical Oxygen Demand (BOD): 94%

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

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

UN NUMBER: UN 3077
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Methyl 4-Hydroxybenzoate.)
Class: 9
Packing Group: III Labels: 9

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: 9. Packing group: III
EmS Code: F-A, F-S
Marine Pollutant: Yes

IMDG Page Number:

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AIR:

IATA-DGR Class:

UN 3077

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Methyl 4-Hydroxybenzoate.)

Class: 9

Packing Group: III

Labels: Miscellaneous

Packing instruction (Cargo Aircraft/ Passenger Aircraft) : 956

Remarks : Above applies only to containers over 119 gallons or 450 liters., Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations

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.
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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

HMIS:

Health:	1
Flammability:	1
Reactivity:	0
PPE:	F

History:

Issue Date:	August 25, 2011
Revision Date:	September 3, 2014
Revision Date:	May 18, 2015

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