SAFETY DATA SHEET
METHYL PARABEN NF/BP

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Methyl Paraben NF/BP
INCI Name: Methyl Paraben
CAS Number: 99-76-3

Company: Chemistry Connection
253 Sturgis Road
Conway, AR 72034
(501) 470-9689

Emergency Contact: (888) 583-7738

2. HAZARD IDENTIFICATION

Potential Acute Health Effects
Avoid of inhalation. Avoid of eye contact (irritant), of ingestion. Avoid of skin contact (irritant).

Potential Chronic Health Effects
Avoid of inhalation.
Avoid of eye contact (irritant).
Avoid of skin contact (irritant), of ingestion.
CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
The substance is toxic to lungs.
Repeated or prolonged exposure of the substance can produce target organs damage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Methyl Paraben	99-76-3	100

4. FIRST AID MEASURES

Description of First Aid Measures
Eyes Contact
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eye lids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevice, creases and groin. Cold water may be use. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

Inhalation
Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

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.

Most important symptoms and effects, both acute and delayed
The substance is toxic to lungs. Repeated or prolonged exposure to the substance can produce target organs damage.

Indication of any prompt medical attention and special treatment needed
N/A

5. FIRE FIGHTING MEASURES

Flammability of the Product
May be combustible at high temperature.

Auto-ignition Temperature
Not available.

Flash Point
280°C

Flammable Limits
Not available.

Products of Combustion
These products are carbon oxides (CO, CO2). Some metallic oxides.

Fire hazards in presence of various substances
Extremely flammable in presence of open flames and sparks.

Explosion hazards in presence of various substances
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.

Fire-fighting Media and Instructions
Small Fire

Use DRY chemical powder.

Large Fire
Use water spray, fog or foam. Do not use water jet.

Special remarks on fire hazards
Not available.

Special remarks on explosion hazards
Not available.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection
Person related precautionary measures
Avoid substance contact. Avoid generation of dusts; do not inhale dusts. Ensure supply of fresh air in enclosed rooms.

Environmental precautions
Environmental protection measures
Do not allow to enter sewerage system.
The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Recuperation cleaning procedures
Forward for disposal. Clean up affected area.

Small Spill
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. HANDLING AND STORAGE

Precautions during handling
Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes, wear suitable protective clothing in case of insufficient ventilation, wear suitable respiratory equipment if ingested, seek medical advice immediately and show the container or the label.

Storage
Keep container dry. Keep in a ambient temperature. Ground all equipment containing material. Keep container tightly closed. Keep in a room temperature, well ventilated place.

Combustible material should be store away from extreme heat and away from strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
Use process enclosures, local exhaust ventilation or other engineering controls to keep air borne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to air borne contaminants below the exposure limit.

Personal Protection
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in case of Large Spill
Splash goggles. Full suit. Dust 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.

Exposure Limits
Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Crystalline Powder
Odor	Almost odorless
Taste	Burning (slight)
Molecular Weight	152.15 g/mole
Color	White
pH (0.1% w/v Solution in water)	Not available
Boiling point	Decomposition temperature: 270°C (518°F) - 280°C
Melting/Freezing Point	125 - 131°C
Flash Point	116.39°C
Auto-ignition Temperature	>270°C
Vapor Pressure	9.33 Pa
Density	1.3775 g/cm3
Bulk density at 20°C	700 kg/m3
Flammability (solid, gaseous)	Product is not flammable
Dispersion Properties	See solubility in water, diethyl ether, acetone
Solubility	Easily soluble in diethyl ether, acetone. Very slightly soluble in cold water, hot water. 1 gram dissolves in about 40 ml of warm oil. 1 gram dissolves in about 70 ml of warm glycerol. Slightly soluble in carbon tetrachloride. Soluble in benzene, oils and fats. Solubility in water: 0.25% (wt/wt) @20 deg. C

10. STABILITY AND REACTIVITY

Reactivity
No details have been found

Stability
The product is stable under normal pressures and temperatures.

Instability temperature
Not available.

Conditions of instability
Incompatible materials, strong oxidants, exposure to moist air or water.

Incompatibility materials
Avoid: Contact with alkalis, Oxidizing agent.
Normally stable Hygroscopic.

Hazardous decomposition products
Fire or high temperature creates: very toxic gases/vapors/fumes of: Carbon monoxides (CO), Carbon Dioxide (CO2).

Corrosivity
Noncorrosive in presence of glass, of steel, of stainless steel (304), of stainless steel (316).

Special remarks on reactivity
Not available.

Special remarks on Corrosivity
Not available.

Polymerization
Will not occur.

11. TOXICOLOGICAL INFORMATION

LD50 (Oral)
2100 mg/kg bw (rat)
>5000 mg/kd bw (rat)
>5600 mg/kg bw (mouse)

Irritation/Corrosion
Skin: Avoid
Eye: Avoid
Respiratory tract: Avoid of inhalation.

Sensitization
Skin disorders and allergies

Germ cell mutagenicity
No biologically relevant Genotoxic activity

Carcinogenicity
No experimental or epidemiological evidence exists to justify classification of sodium compounds for carcinogenic activity.

Reproductive toxicity
No experimental or epidemiological evidence exists to justify classification of sodium compounds for reproductive or developmental toxicity.

Specific target organ toxicity (Single and repeated exposure)
No experimental or epidemiological sufficient evidence for specific target organ toxicity.

12. ECOLOGICAL INFORMATION

Eco toxicity
Not available.

BOD5 and COD
Not available.

Persistence and biodegradation
Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.

Bio accumulative potential
The products of degradation are more toxic.

Results of PBT and vPvB assessment
Decomposes and burns to form smoke, carbon monoxide and carbon dioxide. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. No information has been found.

13. DISPOSAL CONSIDERATIONS

Methods of waste disposal of Product:
There are no uniform EC Regulations for the disposal of chemicals or residues: Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging: Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION

UN-Number
ADR, ADN, IMDG, IATA
Not applicable.

UN proper shipping name
ADR, ADN, IMDG, IATA
Not Regulated material for Air

Transport hazard class(es)
ADR, ADN, IMDG, IATA
Not available.

Packing group
ADR, IMDG, IATA
Not applicable.

Environmental hazards
Not Regulated material for Air

Special precautions for user
Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not available.

UN "Model Regulation"
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15. REGULATORY INFORMATION

European/International Regulations
Federal & state regulations: TSCA 8(b) inventory: Methyl paraben.

European Labelling in Accordance with EC Directives Hazard Symbols: XN
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

R-Phrases
R 22 Harmful if swallowed.
R36 Irritating to eyes

S-Phrases
S24-Avoid contact with skin
S25- Avoid contact with eyes

Other regulatory information
WHMIS (Canada) Not controlled under WHMIS (Canada)
DSCL (EEC) R36-irritating to eyes.

HMIS (U.S.A.) Classification: Methyl Paraben

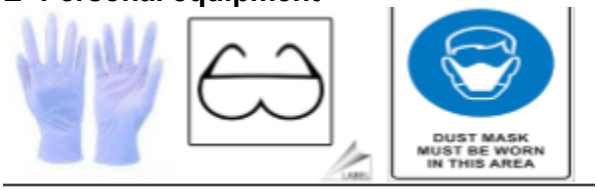
HEALTH 1
FLAMMABILITY 1
PHYSICAL HEZARD 0
PERSONAL PROTECTION E

2=Moderate Hazard
Temporary or minor injury may occur

1=Slight Hazard
Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F (Class IIIB)

0=Minimal
Hazard Materials that are normally stable under fire conditions and will not react to water, polymerize, decompose, condense or self-react.

E=Personal equipment



National fire protection association-NFPA (USA):
2=Health
Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given

1=Flammability
Must be preheated before ignition can occur.

0=Reactivity
Normally stable, even under fire exposure conditions, and are not reactive with water.

Protective equipment
Gloves. Lab coat. Dust respirator. Be sure to use an approved certified respirator or equivalent. Splash goggles.

16. OTHER INFORMATION

All statements, technical information and recommendations contained herein are based on tests and data which Chemistry Connection believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.