

# MATERIAL SAFETY DATA SHEET

## METHYL PARABEN PLAIN/NIPAGIN PLAIN

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Methyl Paraben Plain/Nipagin Plain	<b>Supplier:</b>	ASES CHEMICAL WORKS.
<b>INCI Name:</b>	Methylparaben	<b>Address:</b>	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
<b>Synonyms:</b>	P-Hydroxybenzoic Acid Methyl Ester, Methyl P-Hydroxybenzoate	<b>Phone:</b>	+91-9636889954
<b>CAS Number:</b>	99-76-3	<b>Web:</b>	www.ases.in
<b>Product Form:</b>	Powder	<b>Email :</b>	ecom@ases.in
<b>Product Use:</b>	Personal Care Preservatives.		

### 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Hazardous to the aquatic environment - Chronic Hazard Category 2 - H411: Toxic to aquatic life with long lasting effects.

**Classification according to Directive 1999/45/EC [DPD] :** Not classified as dangerous.

**Label elements :** Signal Word : none.

Hazard Statements H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements P273 Avoid release to the environment. P391 Collect spillage.

P501 Dispose of contents/ container to an approved waste disposal plant.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	EC-No.	Chemical Formula	Mol. Weight	Composition (%)
Methylparaben	99-76-3	202-785-7	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>	152,15 g/mol	<=100%

### 4 FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If not, breathing, give artificial respiration. Get medical attention.
<b>Skin:</b>	Remove contaminated clothing. Drench affected area with water for at least 15 minutes.
<b>Eye:</b>	Check for and remove any contact lenses. Immediately flush eyes with plenty of water.
<b>Instigation:</b>	Wash out mouth with water. Do NOT induce vomiting. Seek medical attention.

### 5 FIRE-FIGHTING MEASURES

<b>Extinguishing media</b>	Water Foam, Carbon dioxide (CO <sub>2</sub> ), Dry powder. Avoid water jet.
<b>Fire hazard</b>	Not considered flammable but may burn at high temperatures.
<b>Advice for firefighters</b>	Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection.

### 6 ACCIDENTAL RELEASE MEASURES

<b>Overview :</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid generating dust.
<b>Environmental precautions :</b>	Do not let product enter drains.
<b>Clean up procedure :</b>	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### 7 HANDLING & STORAGE

<b>Handling:</b>	May form combustible dust concentrations in air. Use care during processing to minimize generation of dust. Handle in accordance with good industrial hygiene and safety procedures.
<b>Storage:</b>	Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Avoid dust production. Ground/bond container and receiving equipment.
<b>Eye protection:</b>	Chemical goggles or safety glasses.
<b>Personal protection:</b>	Gloves. Protective goggles.
<b>Skin protection:</b>	Protective clothing to minimize skin contact should be worn.
<b>Respiratory protection:</b>	Use a properly fitted, air-purifying or air-fed respirator.

## MATERIAL SAFETY DATA SHEET

### METHYL PARABEN PLAIN/NIPAGIN PLAIN

#### 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State :	Solid	Vapor Pressure :	0.000237 mm Hg
Appearance :	White crystalline powder.	Relative Vapor Density:	5,23 - (Air = 1.0)
Odor :	No data available	Relative Density :	No data available
Odor Threshold :	No data available	Specific Gravity :	1377.5 g/l @20°C
pH :	3 - 4.5 saturated solution	Water solubility:	1,88 g/l @ 20 °C
Melting Freezing Point :	125 - 128 °C (257-262.4°F)	Log Pow :	1.96 OECD (107)
Boiling Point :	190 - 280 °C (374-536°F)	Log Kow :	No data available
Flash Point :	168 °C	Viscosity, Kinematic :	No data available
Auto-ignition Temperature :	> 403 °C	Viscosity, Dynamic :	No data available
Decomposition Temperature :	270 - 280 °C	Explosive Properties :	No data available
Flammability (solid, gas) :	> 403 °C (757.4°F)	Oxidizing Properties :	No data available

#### 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable at ambient temperature and under normal conditions of use.
<b>Chemical Stability:</b>	Dust clouds can be explosive.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur..
<b>Conditions to Avoid:</b>	Strong heating.
<b>Incompatible Materials:</b>	Strong acids. Strong bases. Strong oxidizers.
<b>Hazardous Decomposition Products:</b>	Carbon oxides (CO, CO2).

#### 11 TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	LD50 Oral Rat - > 2100 mg/kg
<b>Skin Corrosion/Irritation:</b>	Not classified pH: 3 - 4.5 saturated solution
<b>Serious Eye Damage/Irritation:</b>	Not classified pH: 3 - 4.5 saturated solution
<b>Mutagenicity:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Reproductive toxicity:</b>	No data available
<b>STOT(single/repeated) exposure:</b>	No data available
<b>Aspiration hazard:</b>	No data available

#### 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Harmful to aquatic life with long lasting effects. LC50 Fish 1 59.5 mg/l EC50 Daphnia 1 0.56 mg/l ErC50 (algae) 91 mg/l NOEC chronic crustacea 0.2 mg/l NOEC chronic algae 20 ng/l
<b>Persistence and degradability:</b>	May cause long-term adverse effects in the environment.
<b>Bioaccumulative potential:</b>	No data available
<b>Mobility in soil:</b>	Low potential for absorption
<b>Other adverse effects:</b>	No data available

#### 13 DISPOSAL CONSIDERATIONS

<b>Disposal –</b>	Dispose according to local, regional and national authority requirements.
<b>Ecology –</b>	This material is hazardous to aquatic environment. Keep out of sewers and waterways.

#### 14 TRANSPORT INFORMATION

<b>US DOT Shipping Description (Land):</b>	Not regulated.
<b>IMO-IMDG Shipping Description (Sea):</b>	Not regulated.
<b>IATA Shipping Description (Air):</b>	Not regulated.

## MATERIAL SAFETY DATA SHEET

### METHYL PARABEN PLAIN/NIPAGIN PLAIN

#### 15 REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for this substance or mixture : -**

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**National legislation**

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. :- E2 ENVIRONMENTAL HAZARDS

**Other regulations :-** Take note of Dir 94/33/EC on the protection of young people at work.

**Chemical Safety Assessment :-** For this product a chemical safety assessment was not carried out

#### 16 OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.