

# Material Safety Data Sheet



PRODUCT NAME: SODIUM METHYL PARABEN

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SODIUM METHYL PARABEN  
CAS #: 5026-62-0  
DATE: October 10, 2012

DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422

TELEPHONE: (866) 226-3834  
FAX: (215) 591 – 3620  
EMERGENCY: CHEMTREC (800) 424-9300

## COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS-No.	Content	Symbol / R-phr
Methyl-4-hydroxybenzoate sodium salt (EC No. 225-714-1)	5026-62-0	=>100%	Xi / 36

## HAZARDS IDENTIFICATION

HAZARDS DESIGNATION: Xi: Irritant

PARTICULAR DANGERS FOR MAN/ ENVIRONMENT: R36: Irritating to eyes

CLASSIFICATION SYSTEM: The classification is based on the criteria set out in EC Directive 93/21/EEC and its amendments

R3

## FIRST AID MEASURES

GENERAL INFORMATION: Remove contaminated soaked clothing immediately and dispose of safely.

INHALATION: Ensure supply of fresh air. In the event of symptoms refer for medical treatment

SKIN CONTACT: Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

EYE CONTACT: Rinse thoroughly with plenty of water and seek medical advice.

INGESTION: Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

ADVICE TO DOCTOR – TREATMENT: Treat symptomatically

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**FIRE FIGHTING MEASURES**

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**SUITABLE EXTINGUISHING MEDIA:** Water spray jet, dry powder, CO<sub>2</sub>, foam.

**UNSUITABLE EXTINGUISHING MEDIA:** Full water jet

**SPECIAL EXPOSURE HAZARDS:** Risk of formation of toxic pyrolysis products

**FIREFIGHTER SPECIAL PROTECTIVE EQUIPMENT:** Use independent breathing apparatus.

**ADDITIONAL INFORMATION:** Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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**ACCIDENTAL RELEASE MEASURES**

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**PERSONAL PRECAUTIONS:** Use breathing apparatus if exposed to vapors/dust/aerosol.  
Ensure adequate ventilation.  
Avoid dust formation.

**ENVIRONMENTAL PRECAUTIONS:** Do not discharge into the drains/surface waters/groundwater.

**METHODS FOR CLEAN-UP:** Take up mechanically.  
Avoid raising dust.  
Dispose of absorbed material in accordance with the regulations.

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**HANDLING AND STORAGE**

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**SAFE HANDLING:** Avoid the formation and deposition of dust.  
Provide extraction if dust is raised.  
Use only in well-ventilated areas.

**FIRE & EXPLOSION PROTECTION:** No special measures necessary

**STORAGE ROOM/VESSELS REQUIREMENTS:** Keep only in original container.

**STORAGE COMPATIBILITY:** Do not store together with animal feedstuffs.  
Do not store together with food.

**ADDITIONAL INFORMATION:** Keep container in a well-ventilated place.  
Keep container tightly closed.  
Product is hygroscopic.  
Store material in a dry place.

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**EXPOSURE CONTROLS / PERSONAL PROTECTION**

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<b>Substance</b>	<b>CAS-No.</b>	<b>Value</b>
Methyl-4-Hydroxybenzoate, Sodium Salt	5026-62-0	MAK: 6mg/m <sup>3</sup> F 1995

**RESPIRATORY PROTECTION:** Breathing apparatus in event of high concentrations.  
Short term: filter apparatus, Filter P2

**HAND PROTECTION:** Protective gloves.

**EYE PROTECTION:** Protective goggles.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

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SKIN PROTECTION: Not applicable

GENERAL PROTECTIVE MEASURES: Avoid contact with eyes and skin.  
Do not inhale dust.

HYGIENE MEASURES: Do not eat or drink when working.  
Remove soiled or soaked clothing immediately.  
Wash hands before breaks and after work.  
Clean skin thoroughly after work, apply skin cream.  
Use barrier skin cream.

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PHYSICAL AND CHEMICAL PROPERTIES

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FORM: Crystalline or Granules  
COLOR: White  
ODOR: Odorless  
pH VALUE: ca. 9.5 – 10.5 in saturated solution  
MELTING POINT: Not applicable  
BOILING POINT: Not applicable  
FLASH POINT: Not applicable  
FLAMMABILITY (°C): Not applicable  
SELF-IGNITION TEMP: Not applicable  
LEL: Not applicable  
UEL: Not applicable  
COMBUSTIBLE PROPERTIES: No  
VAPOR PRESSURE, (20°C): Not applicable  
DENSITY, 20°C: Not applicable  
SOLUBILITY IN WATER: Soluble  
VISCOSITY: Not applicable

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STABILITY AND REACTIVITY

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STABILITY: Stable

MATERIALS TO AVOID: Strong oxidizing agents, alkalis.  
Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

HAZARDOUS DECOMP. PRODUCTS: No hazardous decomposition products known.

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TOXICOLOGICAL INFORMATION

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	<u>Dimension</u>	<u>Species</u>	<u>Value</u>
ACUTE ORAL TOXICITY	LD50	Rat	2000 mg/kg
ACUTE DERMAL TOXICITY	LD50	Mouse	1200 mg/kg
ACUTE INHALATION TOXICITY	LC50	Rat	---
IRRITANT EFFECT ON SKIN	May cause irritation of skin		
IRRITANT EFFECT ON EYE	Irritating to eyes		
MUTAGENICITY	No		
REPRODUCTION TOXICITY	No		
CARCINOGENICITY	No		

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ECOLOGICAL INFORMATION

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INFORMATION ABOUT ELIMINATION (BIODEGRADABILITY AND BIOACCUMULATION POTENTIAL):

The material is not expected to bioconcentrate in aquatic organisms.

DEGRADABILITY ACCORDING TO LAW OF WASH AND CLEANSING AGENT (WRMG):

Not applicable

BEHAVIOR IN ENVIRONMENT SYSTEMS:

Ecotoxicological effects

ADDITIONAL ECOLOGICAL INFORMATION:

AOX-INDICATION – The product does not contain substances which can influence the AOX of waste water.

THE FORMULATION CONTAINS THE FOLLOWING HEAVY METALS AND COMPOUNDS ACCORDING TO EC GUIDELINE NO. 76/464 EC:

Due to its formulation, the product does not contain heavy metals.

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DISPOSAL CONSIDERATIONS

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DISPOSAL / PRODUCT: For recycling, consult manufacturer  
Product must be disposed of according to local regulations pertaining to the disposal of hazardous waste.

EUROPEAN WASTE CATALOG:

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES  
07 06 00 Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics  
07 06 99 Wastes not otherwise specified

DISPOSAL / CONTAMINATED PACKAGING: Contaminated packaging should be emptied as much as possible and after appropriate cleansing may be reused.

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TRANSPORT INFORMATION

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LAND TRANSPORT ADR/RID

Class/Division/Group:	No dangerous good
UN-No.:	---
Description	---

INLAND WATERWAYS TRANSPORT/REMARKS:

MARINE TRANSPORT/IMDG-CODE

Class:	No dangerous good
UN-Nr.:	---
Packing group	---
EmS:	---
MFAG:	---
Marine pollutant:	---
Proper shipping name	---

AIR TRANSPORT/ICAO/IATA-DGR

Class:	No dangerous good
UN-/ID-Nr.:	---
Packing group	---
Proper shipping name	---

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REGULATORY INFORMATION

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EC GUIDELINES DESIGNATION: The product has been classified and labeled in accordance with EC Directives/Ordinance on hazardous materials (CHIP)

CODE LETTER/ HAZARD DESIGNATION OF PRODUCT: Xi - Irritant

HAZARD DETERMINING COMPONENTS OF LABELING: Methyl-4-hydroxybenzoate sodium salt

RISK PHRASES: R36: Irritating to eyes

SAFETY PHRASES S26: In case of contact with eyes, rinse immediately with plenty of water  
Seek medical advice.

CONTROL OF MAJOR ACCIDENT HAZARDS (COMAH): Not listed in COMAH

WATER HAZARD CLASS: WGK 1

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Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.