

# Material Safety Data Sheet

PRODUCT NAME: METHYL PARABEN

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: METHYL PARABEN  
 CAS #: 99-76-3  
 EINECS#: 2027857  
 DATE: July 20, 2007  
 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
Methyl-4-Hydroxybenzoate (EC No. 202-785-7)	99-76-3	=>100%

## HAZARDS IDENTIFICATION

No particular hazards known. NON-HAZARDOUS MATERAIL

## PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Crystalline
COLOR:	White
ODOR:	Odorless
pH VALUE:	ca. 3-4,5 Saturated Solution
MELTING POINT:	ca. 125 - 128°C
BOILING POINT:	270 - 280°C
FLASH POINT:	-- Not applicable
FLAMMABILITY (°C):	--
SELF-IGNITION TEMP:	--
LEL:	--
UEL:	--
COMBUSTIBLE PROPERTIES	no
VAPOR PRESSURE, (20°C):	--
DENSITY:	--
SOLUBILITY IN WATER	Difficult to dissolve
PARTITION COEFFICIENT: n-octanol/water:	--
VISCOSITY:	-- Not applicable

## STABILITY AND REACTIVITY

HAZARDOUS REACTIONS:	Reactions with strong alkalis. Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.
HAZARDOUS DECOMP. PROD:	No hazardous decomposition products known.
HMS	1-1-0
NFPA	1-1-0

---



---

**FIRE FIGHTING MEASURES**


---



---

SUITABLE EXTINGUISHING MEDIA: Water spray jet, dry powder, CO<sub>2</sub>, foam DO NOT USE Full Water jet for safety reasons  
 SPECIAL PROTECTIVE EQUIPMENT: Use breathing apparatus.  
 SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, COMBUSTION PRODUCTS:  
 Risk of formation of toxic pyrolysis products  
 ADDITIONAL INFORMATION: None.

---



---

**FIRST AID MEASURES**


---



---

GENERAL INFORMATION: Not applicable.  
 INHALATION: Ensure supply of fresh air. In the event of symptoms refer for medical treatment  
 SKIN CONTACT: In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.  
 EYE CONTACT: In case of contact with eyes 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 – SYMPTOMS AND TREATMENT:  
 Treat Symptomatically.

---



---

**ACCIDENTAL RELEASE MEASURES**


---



---

PERSONAL PRECAUTIONS: 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. Take up with liquid – absorbent material. Dispose of absorbed material in accordance with the regulations.

---



---

**HANDLING AND STORAGE**


---



---

SAFE HANDLING: Avoid the formation and deposition of dust. Use only in well-ventilated areas. Provide extraction if dust is raised.  
 STORAGE ROOM AND VESSELS: Keep only in original container. Provide acid resistant floor.  
 STORAGE COMPATIBILITY: Not applicable.  
 PROTECTION AGAINST FIRE AND EXPLOSION:  
 Take precautionary measures against static discharges. Dust can form an explosive mixture with air.  
 FURTHER INFO. ON STORAGE CONDITIONS:  
 Keep container in a well-ventilated place. Keep container tightly closed. Store in a dry place.

---



---

**EXPOSURE CONTROLS / PERSONAL PROTECTION**


---



---

	<b>Substance</b>	<b>CAS-No.</b>	<b>Content</b>
	Methyl-4-Hydroxybenzoate (EC No. 202-785-7)	99-76-3	=>100%
RESPIRATORY PROTECTION:	Breathing apparatus in event of high concentrations. Short term: filter apparatus, Filter P1		
HAND PROTECTION:	Protective Gloves.		
EYE PROTECTION:	Protective goggles.		
SKIN PROTECTION:	Not applicable		
GENERAL PROTECTIVE MEASURES:	Avoid contact with eyes and skin. Do not inhale dust.		
HYGIENE MEASURES:	Wash hands before breaks and after work. Use barrier skin cream.		

---



---

**TOXICOLOGICAL INFORMATION**


---



---

	Dimension	Species	Value:
ACUTE ORAL TOXICITY	LD50	rat	>5600 mg/kg
ACUTE DERMAL TOXICITY:	LD50	rabbit	--
ACUTE INHALATION TOXICITY:	LD50	rat	--
IRRITANT EFFECT ON SKIN	No significant effects known		
IRRITANT EFFECT ON EYE:	No significant effects known		
SENSITIZATION:	No significant effects known		
SUB ACUTE TOXICITY:	--		
CHRONIC TOXICITY:	No adverse chronic effects are known, in case of normal use.		
SUB CHRONIC TOXICITY:	--		
MUTAGENICITY:	No		
REPRODUCTION TOXICITY:	No		
CARCINOGENICITY:	No		
GENERAL REMARKS:	Not applicable.		

---



---

**ECOLOGICAL INFORMATION**


---



---

**INFORMATION ABOUT ELIMINATION (BIODEGRADABILITY AND BIOACCUMULATION POTENTIAL):**

Aerobic biodegradability: 92% ThOD

Anaerobic biodegradability: 40% ThGP

Low potential to bioaccumulate: The low log Kow value 1.96 of Methyl-4-

hydroxybenzoate indicates that 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:**

Green Algae EC50/LC50 72 h 91 mg/l

Daphnia Magna EC50/LC50 48 h 11.2 mg/l

Fish (golden orfe) NOEC 48 h 50 mg/l

**AOX-INDICATION:**

The product does not contain substances, which can influence the AOX of waste water.

**PHYSICO CHEMICAL ELIMINABILITY:**

N/A

**BIOLOGICAL DEGRADABILITY:**

N/A

**BIOLOGICAL ELIMINABILITY**

N/A

**DEGRADABILITY:**

N/A

**BEHAVIOR IN ENVIRONMENT COMPARTMENTS:**

FISH TOXICITY N/A

DAPHNIA TOXICITY N/A

BACTERIA TOXICITY N/A

BEHAVIOR IN SEWAGE PLANT N/A

**CHEMICAL OXYGEN DEMAND**

No

**BIOCHEMICAL OXYGEN DEMAND**

No

**CONTAINS HEAVY METALS AND COMPOUNDS OF 16/464/EWG:** No

---



---

**DISPOSAL CONSIDERATIONS**


---



---

**DISPOSAL / PRODUCT:**

Disposal should be in accordance with local, state, or federal legislation.

For recycling, consult manufacturer.

**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 PKG:**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be take for reuse.

## =====

## TRANSPORT INFORMATION

## =====

LAND TRANSPORT ADR/RID  
Class/Division/Group: Not a dangerous good

## INLAND WATERWAYS TRANSPORT / REMARKS

## Marine transport/IMDG-Code

Class: Not a dangerous good

## AIR TRANSPORT / ICAO / IATA-DGR

Class: Not a dangerous good

## =====

## TRANSPORT INFORMATION

## Air transport/ICAO/IATA-DGR

Class: No dangerous good

UN-/ID-Nr.: ---

Packing group ---

Proper shipping name ---

## =====

## REGULATORY INFORMATION

DESIGNATION ACCORDING TO EC GUIDELINES: The product has been classified and labeled in accordance with  
EC Directives/Ordinance on Hazardous Materials (CHIP)

CODE LETTER AND HAZARD DESIGNATION OF PRODUCT: None

LABELING Does not require a hazard warning label, but the normal safety precautions for handling chemicals  
must be observed.

## HAZARD SYMBOLS CONTAINS:

R PHRASES: None

S PHRASES: None

## INVENTORIES:

TSCA Listed

DSL, EINECS-2027857 Listed

JAPAN (3)-1585 AICS Listed

KOREA-K-20379 Listed

CHINA Listed

SWITZERLAND G-2363 Listed

NEW ZEALAND Listed

PHILIPPINES Listed

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

WATER HAZARD CLASS: None

HMIS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 SPECIAL: None

NFPA: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0