

Material Safety Data Sheet



PRODUCT NAME: BUTYL PARABEN

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: BUTYL PARABEN
CAS #: 94-26-8
EINECS#: 2023187
DATE: March 26, 2008

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

HAZARDS IDENTIFICATION

No particular hazards known.

PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Crystalline
COLOR:	White
ODOR:	Odorless
pH VALUE:	--
MELTING POINT:	ca. 68 – 72°C
BOILING POINT:	--
FLASH POINT:	-- Not applicable
FLAMMABILITY (°C):	--
SELF-IGNITION TEMP:	--
LEL:	--
UEL:	--
COMBUSTIBLE PROPERTIES	no
VAPOR PRESSURE, (20°C):	--
DENSITY:	--
SOLUBILITY IN WATER	Slightly Soluble (LT 0.15% at 25°C)
PARTITION COEFFICIENT: n-octanol/water:	--
VISCOSITY:	-- Not applicable

STABILITY AND REACTIVITY

HAZARDOUS REACTIONS: Avoid strong oxidizing agents, alkalis. Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

HAZARDOUS DECOMPOSITION: No hazardous decomposition products known.

STABILITY: Stable

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray jet, dry powder, CO₂, 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: Not applicable

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: 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 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: Keep only in original container. Provide acid resistant floor.
Keep container in a well-ventilated place.
Keep container tightly closed.
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.

EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

<u>SUBSTANCE</u>	<u>CAS#:</u>	<u>VALUE</u>
BUTYL-4-HYDROXYBENZOATE	94-26-8	MAK: 6mg/m ³ F 1995

RESPIRATORY PROTECTION: Breathing apparatus in event of high concentrations.
Short term: filter apparatus, Filter P1
HAND PROTECTION: Protective Gloves.
EYE PROTECTION: Protective goggles.

 EXPOSURE CONTROLS / PERSONAL PROTECTION, cont.

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	mouse	13200 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 know in cases of normal use		
SUB CHRONIC TOXICITY:	--		
MUTAGENCY:	No		
REPRODUCTION TOXICITY:	No		
CARCINOGENICITY:	No		
GENERAL REMARKS:	Not applicable.		

 ECOLOGICAL INFORMATION

INFORMATION ABOUT ELIMINATION (Biodegradability and bioaccumulation potential) Low potential to bioaccumulate: The log Kow value 3.57 of Propyl-4-hydroxybenzoate indicates that the material is not expected to bioconcentrate in aquatic organisms.

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
 AOX-ADVICE No

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

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.

DISPOSAL CONSIDERATIONS

DISPOSAL/PRODUCT: For recycling, consult manufacturer. Dispose as of hazardous waste.
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 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: 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 ---

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.

CLASSIFICATION: --

HAZARD SYMBOLS --
contains: --

R PHRASES: None

S PHRASES: None

CONTROL OF MAJOR ACCIDENT HAZARDS (COMAH)

Not listed in COMAH

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