

Section 1: Identification

Product Name Benzoic Acid USP
Commercial Name Not available
Product Use Not available
Restrictions On Use Not available

Product Code 30-1114

Company PCCA
 9901 South Wilcrest
 Houston, TX 77099
 Phone: 1-800-331-2498
 Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Skin irritation, Category 2 Serious eye damage, Category 1 Specific target organ systemic toxicity - repeated exposure, Category 1, Inhalation, Lungs Short-term (acute) aquatic hazard (Category 3), H402
CFR 1910.1200

Signal Word DANGER

Hazard Statement(s) Causes skin irritation. Causes serious eye damage. Causes damage to organs (lungs) through prolonged exposure. Harmful to aquatic life.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves/ eye protection/ face protection.
Response P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. P314 Get medical advice/ attention if you feel unwell. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.
Storage Not available.
Disposal P501 Dispose of contents/container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Benzoic acid
% By Weight 100
CAS# 65-85-0
Molecular Weight 122.12 g/mole
Chemical Formula C₆H₅COOH
Synonym(s) Benzenecarboxylic acid. Benzeneformic acid. Benzenemethanoic acid. Phenyl carboxylic acid. Phenylformic acid

Mixtures Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Benzoic acid	65-85-0	100	Not available.	ORAL (LD50):Acute: 1700mg/kg [Rat].1940 mg/kg[Mouse]. 2000mg/kg [Dog].DERMAL (LD50):Acute: 10000mg/kg [Rabbit].

Section 4: First-Aid Measures

Inhalation	After inhalation: fresh air. Call in physician.
Skin Contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Eye Contact	After eye contact: rinse out with plenty of water. Immediately call in ophthalmologist. Remove contact lenses.
Ingestion	After swallowing: immediately make victim drink water (two glasses at most). Consult a Physician.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water Foam Carbon dioxide (CO₂) Dry powder

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Carbon oxides Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

Firefighters Special Equipment and Precautions

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6: Accidental Release Measures

Advice for non-emergency personnel: Avoid generation and inhalation of dusts in all circumstances. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. Environmental precautions: Do not let product enter drains. Methods and materials for containment and cleaning up: Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

Section 7: Handling and Storage

Handling: Work under hood. Do not inhale substance/mixture. Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. Storage: Tightly closed. Dry. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons. Recommended storage temperature see product label. Storage class: Storage class (TRGS 510): 6.1C: Combustible, acute toxic Cat.3 / toxic compounds or compounds which causing chronic effects

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

Personal Protection

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Tightly fitting safety goggles

Skin protection: This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L

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Body Protection: protective clothing Respiratory protection: required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Control of environmental exposure: Do not let product enter drains.

Section 9: Physical and Chemical Properties

Appearance	White. Solid.		
Odor	Not available.		
Odor Threshold	Not available		
Melting Point	Melting point: 122.4 °C (252.	pH	2.8 at 25 °C (77 °F)
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	249.2 °C 480.6 °F at 1,013.2	Vapor Density	4.22 - (Air = 1.0)
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	log Pow: 1.88 - Bioaccumula	Evaporation Rate	Not available
Flash Point	Not available.	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Not available.		
Other	Density 1.26 g/cm ³ at 15 °C (59 °F) Bulk density ca.500 kg/m ³ Surface tension 67.5 mN/m at 1g/l at 20 °C (68 °F) - OECD Test Guideline 115 Relative vapor density 4.22 - (Air = 1.0)		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	The product is chemically stable under standard ambient conditions (room temperature) .
Hazardous Polymerization	Risk of ignition or formation of inflammable gases or vapours with: Fluorine Exothermic reaction with: bases, Strong oxidizing agents, Strong bases, nitrites, strong reducing agents
Conditions to Avoid	Not available.
Incompatible Materials	Not available
Hazardous Decomposition Products	Not available

Section 11: Toxicological Information**RTECS** DGO875000**Acute Toxicity**

LD50 Oral - Mouse - male and female - 2,250 mg/kg (OECD Test Guideline 401) Symptoms: Nausea, Vomiting, Irritation of mucous membranes LC50 Inhalation - Rat - male and female - 4 h - > 12.2 mg/l - dust/mist Remarks: (ECHA) Symptoms: Cough, Possible damages:, mucosal irritations LD50 Dermal - Rabbit - male and female - > 2,000 mg/kg Remarks: (ECHA) No data available

Skin Corrosion/Irritation

Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

Serious Eye Damage/Irritation

Rabbit Corrosive - 21 Days

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Mutagenicity (mammal cell test): chromosome aberration.

Carcinogenicity

Not available

Reproductive Toxicity

Not available

Routes of Entry

Skin. Eye.

Symptoms Related to Exposure

Nausea, Vomiting, Irritation of mucous membranes. Cough, Possible damages:, mucosal irritations

Potential Health Effects

Not available

Target Organ(s)

Inhalation - Causes damage to organs through prolonged or repeated exposure. - Lungs

Section 12: Ecological Information**Ecotoxicity**

Toxicity to fish static test LC50 - Lepomis macrochirus - 44.6 mg/l - 96 h (US-EPA) Toxicity to daphnia and other aquatic invertebrates static test LC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (US-EPA) Toxicity to algae static test ErC50 - Pseudokirchneriella subcapitata - > 33.1 mg/l - 72 h (OECD Test Guideline 201) Toxicity to bacteria static test IC50 - activated sludge - > 1,000 mg/l - 3 h (OECD Test Guideline 209) microtox test EC50 - Photobacterium phosphoreum - 17 mg/l - 30 min

Remarks: (Lit.)

Persistence and Degradability

anaerobic - Exposure time 35 d Result: 89.5 % - Biodegradable (OECD Test Guideline 311)

Bioaccumulative Potential

Data not yet available

Mobility in Soil

Data not yet available

Other Adverse Effects

Data not yet available

Section 13: Disposal Considerations**Waste Disposal**

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

SARA 302 Components This material does not contain any components with a section 302 EHS TPQ. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.

Other

Not available.

Section 16: Other Information



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

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Not available.