



Section 1. Product and Company Information

Product:	Benzoic Acid
Company:	Ingredient Supplier 13320 Emmett Rd. Houston, TX 77041 USA Phone: (832) 795-6898
Product Name:	Benzoic Acid
CAS#	65-85-0
CI#:	N/A
Synonym:	N/A
Product Use:	Intermediates of Pharmaceutical and dye
Prepared By:	Ingredient Supplier 13320 Emmett Rd. Houston, TX 77041 USA
Emergency Contact Number	(800) 222-1222

Section 2. Hazard Identification

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]	Acute toxicity, oral (Category 4) Skin corrosion/irritation (Category 2) Serious eye damage/eye irritation (Category 1) Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3) Specific target organ toxicity, repeated exposure (Category 1)
Classification according to EU Directives 67/548/EEC or 1999/45/EC	Irritating to respiratory system. Risk of serious damage to eyes.
Labeling according Regulation (EC) No 1272/2008 [CLP]	Not a hazardous substance or mixture.
Pictogram	 

Signal Word: Danger

Hazard Statement(s):

- H302: Harmful if swallowed
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H335: May cause respiratory irritation.
- H372: Causes damage to organs through prolonged or repeated exposure if inhaled: Lungs

Precautionary Statement(s):

- P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
- P264: Wash thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P314: Get medical advice/attention if you feel unwell.
- P330: Rinse mouth.
- P321: Specific treatment (Reference to supplemental Safety Data Sheets.)
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310: Immediately call a POISON CENTER/doctor.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P405: Store locked up.
- P501: Dispose of contents/container in local/regional/national/international regulations.

Supplemental Hazard Statements: None

According to European Directive 67/548/EEC as amended.

Hazard Symbol(s): 

R-phrases(s):

- R22: Harmful if swallowed

R37	Irritating to respiratory system
R38	Irritating to skin
R41	Risk of serious damage to eyes
S-phrase(s)	
S20/21	When using, do not eat, drink or smoke.
S22	Do not breathe dust.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.
S51	Use only in well-ventilated areas.
S63	In case of accident by inhalation, remove casualty to fresh air and keep at rest.
S64	If swallowed, rinse mouth with water.
Other Hazards	Fine dust clouds may form explosive mixtures with air.

Section 3. Composition / Information on Ingredients

Formula:	C ₇ H ₆ O ₂
Molecular Weight:	122,12 g/mol
Synonyms:	Acid benzoique (French) * Acido benzoic (Italian) * Benzenemethanoic acid * Benzoate * Benzoesaure(German) * Carboxybenzene * Dracylic acid * E 210 * HA 1(acid) * Kyselina benzoova(Czech) * Phenylcarboxylic acid * Phenylformic acid * Retarder BA * Retardex * Salvo liquid * Salvo powder * Tenn-Plas
Component	Concentration
Benzoic Acid	≥99.0%
CAS-No. 65-85-0	
EC-No. 200-618-2	

Section 4. First Aid Measures

General Advice:	Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact:	Wash off with soap and plenty of water. Consult a physician.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

Most important symptoms and effects, both acute and delayed:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed: No data available

Section 5. Fire Fighting Measures

Extinguishing Media Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards Arising

From the Substance or Mixture: Carbon oxides

Mixture:

Advice for Firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Further Information: No data available

Section 6. Accidental Release and Clean-Up Procedures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental Precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7. Handling and Storage

Precautions for Safe Handling:

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for Safe Storage, Including any Incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific End Uses:

No data available

Section 8. Exposure Controls / Personal Protection

Control Parameters:	Components with workplace control parameters
Exposure Controls	
Appropriate Engineering Controls:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal Protective Equipment:	<ul style="list-style-type: none"> ● Eye / Face Protection - Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). ● Skin Protection - Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. ● Respiratory Protection - If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario. ● Body Protection - Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. ● Respirator Protection - Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

Appearance Form:	White solid
Odour:	Odourless or with a slight benzaldehyde odor
Odour Threshold:	No data available
pH	2.8 at 25°C

Melting Point/Freezing Point:	Melting point/range: 11.4°C -lit
Initial Boiling Point and Boiling Range:	249.2°C -lit
Flash Point:	No data available
Evaporation Rate:	No data available
Flammability (Solid/Gas):	Non flammable
Upper/Lower Flammability or Explosive Limits:	No data available
Vapour Pressure:	0.000936 hPa @ 25°C
Vapour Density:	No data available
Relative Density:	1.321 g/cm ³ @ 20°C
Water Solubility:	2.93 g/l @ 20°C
Partition Coefficient Noctanol/Water:	low Pow: 1.88
Autoignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available
Explosive Properties:	Non explosive
Oxidizing Properties:	No oxidizing properties
Other Safety Information:	No data available

Section 10. Stability and Reactivity Data

Reactivity:	No data available
Chemical Stability:	No data available
Possibility of Hazardous Reactions:	No data available
Conditions to Avoid:	No data available
Incompatible Materials:	Strong oxidizing agents, Strong bases, Strong reducing agents
Hazardous Decomposition Products:	Other decomposition products - no data available

Section 11. Toxicological Information

Acute Toxicity:	LD50 Oral - rat -> 2565 mg/kg LC50 Inhalation - rat - 4 h -> 12.2 mg/L LD50 Dermal - rabbit -> 2000 mg/kg
Skin Corrosion/Irritation:	Skin - rabbit - Mild skin irritation - 24 h - Draize Test
Serious Eye Damage/Eye Irritation:	Eyes - rabbit - Risk of serious damage to eyes. - Draize Test
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	IARC: No component of this product present at levels greater than

or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive Toxicity:

No effects were noted after chronic dietary exposure of rats to 1% the test substance in diet. Furthermore, no effects were observed on fertility in four generations after chronic dietary exposure of rats to 1% the test substance in diet. No effects on reproduction were seen.

Specific Target Organ Toxicity - Single Exposure:

Inhalation - May cause respiratory irritation. - Lungs

Specific Target Organ Toxicity - Repeated Exposure:

No data available

Aspiration Hazard:

No data available

Potential Health Effects

Inhalation:

May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion:

May be harmful if swallowed.

Skin:

May be harmful if absorbed through skin. May cause skin irritation.

Eyes:

Causes eye burns.

Signs and Symptoms of Exposure:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information:

RTECS: DG0875000

Section 12. Ecological Information

Toxicity

Toxicity to Fish:

LC50 - Gambusia affinis (Mosquito fish) - 180 mg/l - 96 h

Toxicity to Algae:

Growth inhibition EC50 - Scenedesmus quadricauda (Green algae) - > 10 mg/l- 14 d

Persistence and Degradability:

No data available

Bioaccumulative Potential:

Leuciscus idus (Golden orfe) - 3 d -50 µg/l
 Bioconcentration factor (BCF): 5,3

Mobility in Soil:

No data available

Results of PBT and vPvB Assessment:

The substance is not PBT / vPvB

Other Adverse Effects:

No data available

Section 13. Disposal Consideration

Waste Treatment Methods

Product:

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent

and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated Packaging: Dispose of as unused product.

Section 14. Transportation Information

UN Number:

ADR/RID: - IMDG: - IATA: -

UN Proper Shipping Name:

ADR/RID: Not Dangerous Goods IMDG: Not Dangerous Goods IATA: Not Dangerous Goods

Transport Hazard Class(es):

ADR/RID: - IMDG: - IATA: -

Packaging Group:

ADR/RID: - IMDG: - IATA: -

Environmental Hazards:

ADR/RID: - IMDG: - IATA: -

Special Precautions for User: No data available

Section 15. Regulatory Information

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

Safety, Health and Environmental

Regulations/Legislation Specific for the Substance or Mixture: No data available

Chemical Safety Assessment: No data available

Section 16. Other Information

Further Information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. INGREDIENT SUPPLIER LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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Prepared by: Ingredient Supplier



13320 Emmett Rd
Houston, Texas 77041
United States

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For INGREDIENT SUPPLIER

Chris Hill

(AUTHORIZED SIGNATORY)