

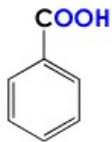
 Sujata Nutri-Pharma	SUJATA NUTRI-PHARMA PVT. LTD. 875/2, GIDC Estate, Makarpura, Vadodara-390010
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MATERIAL SAFETY DATA SHEET		
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers:

Product form : Substance
Substance name : Benzoic Acid
CAS No : 65-85-0
Formula : C₇H₆O₂



1.2 Relevant identified uses of the substance or mixture and uses advised again
Identified uses : Laboratory chemicals, Industrial & for professional use only.

1.3 Details of the supplier of the safety data sheet

Company : Sujata Nutri-Pharma Pvt. Ltd.
875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India
Telephone : 0265-3500351
Website : www.sujatanutripharma.com
Email : info@sujatanutripharma.com

1.4 Emergency telephone number

Emergency telephone : 02652630282 (9:00 to 6:00) office hours only

SECTION 2: Hazards identification




2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin irritation (Category 2), H315
Serious eye damage (Category 1), H318
Specific target organ toxicity - repeated exposure, Inhalation (Category 1), Lungs, H372
For the full text of the H-Statements mentioned in this Section, see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

T, Xi Toxic, Irritant R48/23, R38, R41
For the full text of the R-phrases mentioned in this Section, see Section 16.

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2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 :



Pictogram



Corrosive to metals

Signal word Danger

Hazard statement(s)

H315 Causes skin irritation.

H318 Causes serious eye damage.

H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Precautionary statement(s)




P280 Wear eye protection/ face protection.

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 or doctor/ physician.

P314 Get medical advice/ attention if you feel unwell.

Supplemental Hazard none

Statements

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2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1 Substances

Substances

Molecular weight : 122,12 g/mol

CAS-No. : 65-85-0

EC-No. : 200-618-2

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Benzoic acid		
CAS-No.	65-85-0	Skin Irrit. 2; Eye Dam. 1;
EC-No.	200-618-2	STOT RE 1; H315, H318, H372
		<= 100 %

Hazardous ingredients according to Directive 1999/45/EC

Component	Classification	Concentration
Benzoic acid		
CAS-No.	65-85-0 T,	Xi, R48/23 - R38 - R41
EC-No.	200-618-2	
		<= 100 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

Section 4: First Aid Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact




Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.




4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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4.3 Indication of any immediate medical attention and special treatment needed No data available
SECTION 5: Fire Fighting Measures
5.1 Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2 Special hazards arising from the substance or mixture Carbon oxides
5.3 Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.
5.4 Further information No data available
SECTION 6: Accidental release measures
6.1 Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
6.2 Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
6.3 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.
6.4 Reference to other sections For disposal see section 13.
Section 7: Handling and Storage
7.1 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. For precautions see section 2.2.
7.2 Conditions for safe storage, including any incompatibilities Store at ambient/room temperature away from sunlight in a tightly closed condition.

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7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated														
Section 8: Exposure Controls/Personal Protection														
8.1 Control parameters Components with workplace control parameters														
8.2 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 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.														
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.														
Respiratory 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).														
Control of environmental exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.														
Section 9: Physical and Chemical Properties														
9.1 Information on basic physical and chemical properties														
<table border="0"> <tr> <td>a) Appearance</td> <td>Form: crystalline Colour: white</td> </tr> <tr> <td>b) Odour</td> <td>No data available</td> </tr> <tr> <td>c) Odour</td> <td>Threshold No data available</td> </tr> <tr> <td>d) pH</td> <td>2,5 - 3,5 at 20 °C</td> </tr> <tr> <td>e) Melting point/freezing point</td> <td>121 - 125 °C</td> </tr> <tr> <td>f) Initial boiling point and boiling range</td> <td>248,9 °C at 1.013 hPa</td> </tr> <tr> <td>g) Flash point</td> <td>121 °C - closed cup</td> </tr> </table>	a) Appearance	Form: crystalline Colour: white	b) Odour	No data available	c) Odour	Threshold No data available	d) pH	2,5 - 3,5 at 20 °C	e) Melting point/freezing point	121 - 125 °C	f) Initial boiling point and boiling range	248,9 °C at 1.013 hPa	g) Flash point	121 °C - closed cup
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h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower explosive limits	No data available
k) Vapour pressure	13 hPa at 132 °C
l) Vapour density	4,22 - (Air = 1.0)
m) Relative density	1,320 g/cm3 at 20 °C
n) Water solubility	2,9 g/l at 25 °C
o) Partition coefficient: n- log Pow: octanol/water	1,88
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

Relative vapour density 4,22 - (Air = 1.0)

Section 10 : Stability and Reactivity Data

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents, Strong bases, Strong reducing agents

10.6 Hazardous decomposition products

In the event of fire: see section 5

Section 11 : Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - female - 2.360 mg/kg
(OECD Test Guideline 401)

Remarks: Behavioral:Somnolence (general depressed activity). Cyanosis

LC50 Inhalation - Rat - 4 h - > 12,2 mg/l

LD50 Dermal - Rabbit - > 2.000 mg/kg

Skin corrosion/irritation

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

Serious eye damage/eye irritation

Eyes - Rabbit

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Result: Corrosive

(Directive 67/548/EEC, Annex V, B.5.)

Respiratory or skin sensitisation

Maximisation Test (GPMT) - Guinea pig

Result: Does not cause skin sensitisation.

(OECD Test Guideline 406)

Germ cell mutagenicity

No data available

Ames test

S. typhimurium

Result: negative

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 data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

No data available

Additional Information

RTECS: Not available

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

Section 12 : Ecological Information

12.1 Toxicity

Toxicity to fish : LC50 - Lepomis macrochirus - 44,6 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates : Immobilization EC50 - Daphnia magna (Water flea) - 860 mg/l - 48 h

Toxicity to algae : static test EC50 - Pseudokirchneriella subcapitata - > 33,1 mg/l - 72 h
(OECD Test Guideline 201)

12.2 Persistence and degradability

Expected to be biodegradable

12.3 Bioaccumulative potential

Bioaccumulation Leuciscus idus (Golden orfe) - 3 d
- 50 µg/l

Bioconcentration factor (BCF): 5,3




12.4 Mobility in soil

No data available

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12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
12.6 Other adverse effects Harmful to aquatic life. No data available		
Section 13 : Disposal Considerations		
13.1 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 : Transport Information		
14.1 UN number ADR/RID: - IMDG: - IATA: -		
14.2 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods		
14.3 Transport hazard class(es) ADR/RID : - IMDG: - IATA: -		
14.4 Packaging group ADR/RID: - IMDG: - IATA: -		
14.5 Environmental hazards ADR/RID: no IMDG Marine pollutant: no I ATA: no		
14.6 Special precautions for user No data available		
Section 15: Other Regulatory Information		
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.		
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture No data available		
15.2 Chemical Safety Assessment For this product a chemical safety assessment was not carried out		
Section 16 : Other Information		

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Other information: None.

Full text of H-Statements referred to under sections 2 and 3.

Eye Dam. Serious eye damage

H315 Causes skin irritation.

H318 Causes serious eye damage.

H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

Skin Irrit. Skin irritation

STOT RE Specific target organ toxicity - repeated exposure

Full text of R-phrases referred to under sections 2 and 3

T Toxic

Xi Irritant




R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation

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. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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