

# SAFETY DATA SHEET

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## 1. Identification of the substance and of the supplier

GHS product identifier  
 Product name: **BENZOIC ACID NATURAL**  
 Other means of identification  
 CAS Number 65-85-0  
 EC Number 200-618-2  
 FEMA Number 2131  
 Recommended use of the chemical and restrictions on use  
 Recommended use Concentrated aromatic and flavor ingredient which may be used in flavor and fragrance compounds according to legal and IFRA or FEMA GRAS/FDA guidelines.  
 Restrictions on use For Manufacturing Use Only  
 Supplier's details  
 Company name Asia Specialty Ingredients Joint Stock Company  
 Address Chi Long Village, Ngoc Long Commune, Yen My District, Hung Yen Province, Vietnam  
 Telephone +84 2213 580 989  
 Website [www.asi-vn.com](http://www.asi-vn.com)  
 Email [info@asi-vn.com](mailto:info@asi-vn.com)  
 Emergency phone number +84 986 385 445

## 2. Hazards identification

GHS classification of the substance  
 Physical hazards Not classified.  
 Health hazards Acute toxicity, oral Category 4  
 Skin corrosion/irritation Category 2  
 Serious eye damage/eye irritation Category 1  
 Specific target organ toxicity, repeated exposure Category 1  
 Environmental hazards Hazardous to the aquatic environmental Category 3  
 GHS label elements Pictogram





Hazard statements	Signal word	Warning
	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H372 Causes damage to organs through prolonged or repeated exposure. H402 Harmful to aquatic life.	
Precautionary statements		
Prevention	P260 Do not breathe dust. P264 Wash 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	P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P330 Rinse mouth. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
Storage	P405 Store locked up.	
Disposal	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.	

Other hazards which do not result in classification After prolonged contact with highly porous materials, this product may spontaneously combust.

### 3. Composition/information on ingredients

#### Chemical identity

Chemical name	BENZOIC ACID
Common name, synonym, etc.	Benzene Carboxylic Acid, Phenyl Formic Acid
Formula	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> .
Molecular weight	122.12 g/mol

#### CAS number and other unique identifiers

CAS Number	65-85-0
EC Number	200-618-2
FEMA Number	2131
Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance	No data available.

### 4. First-aid measures

Description of necessary measures	
Inhalation	Supply fresh air, consult doctor in case of complaints.
Skin contact	Immediately wash with water and soap and rinse thoroughly. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	Remove contact lenses, if present and easy to do. Rinse opened eye for several minutes under running water. If symptoms persist consult a doctor.
Ingestion	Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.
Most important symptoms/effects	Allergic reactions Gastric or intestinal disorders when ingested. Slight irritant effect on skin and mucous membranes. Slight irritant effect on eyes
Indication of immediate medical attention and special treatment needed, if necessary	Contains Star anise oil. May produce an allergic reaction. Treat skin and mucous membrane with antihistamine and corticoid preparations.

### 5. Fire-fighting measures

Suitable and unsuitable extinguishing media	
Suitable extinguishing media	Foam Fire-extinguishing powder Carbon dioxide Gaseous extinguishing agents, water fog/haze.
Unsuitable extinguishing media	Water spray, water stream.

Specific hazards arising from the chemical	Formation of toxic gases is possible during heating or in case of fire
Special protective equipment and precautions for fire-fighters	Wear self-contained respiratory protective device. Wear fully protective suit.
<b>6. Accidental release measures</b>	
Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Keep away from ignition sources. Wear protective equipment. Keep unprotected people away. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Environmental precautions	Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage.
Methods and materials for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacle.
<b>7. Handling and storage</b>	
Precautions for safe handling	Avoid splashes or spray in enclosed areas. Use only in well ventilated areas. Keep out of reach of children.
Conditions for safe storage, including any compatibilities	Store in cool, dry conditions in well sealed receptacles. Avoid storage near extreme heat, ignition sources or open flames. Store away from foodstuffs. Store away from oxidizing agents
<b>8. Exposure controls/personal protection</b>	
Control parameters	
Occupational exposure limits	This substance has no PEL, TLV, or other recommended exposure limits.
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	No data available.
Individual protection measures	
Eye/face protection	Avoid contact with eyes.
Hand skin protection	Chemical resistant gloves.
Other skin protection	Use of an impervious apron is recommended.
Respiratory protection	Not generally necessary if the area is well ventilated (unless otherwise indicated).
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking,

and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. Physical and chemical properties

Physical state	Crystal
Colour	Colourless or white.
Odour	Faint, pleasant odor
Melting point/freezing point	No data available.
Boiling point	No data available.
Flammability	No data available.
Lower and upper explosion limit/flamability limit	No data available.
Flash point	100°C (Closed Cup)
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	No data available.
Kinematic viscosity	No data available.
Solubility	Soluble in acetone, alcohol, phenyls
Partition coefficient: n-octanol/water (log value)	No data available.
Vapour pressure	No data available.
Density and/or relative density	1.24 – 1.30 g/cm <sup>3</sup> (20 °C)
Relative vapour density	No data available.
Particle characteristics	No data available.

### 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	PVC
Hazardous decomposition products.	No hazardous decomposition products if stored and handled as indicated.

### 11. Toxicological information

Information of the likely routes of exposure	
Inhalation	No data available.
Skin Contact	No data available.
Eye Contact	No data available.
Ingestion	Causes irritation.

Symptoms related to the physical, chemical and toxicological characteristics	No data available.
Delayed and immediate effects and also chronic effects from short- and long-term exposure	No data available.
Numerical measures of toxicity	No data available.

**12. Ecological information**

Ecotoxicity	Toxic to aquatic life with long lasting effects.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. Disposal considerations**

Disposal instructions	Do not discharge into drainage systems or watercourses. Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company. Do not pollute the soil or water; do not dispose of waste in the environment. Empty containers completely. Do not remove labels. Use an approved waste disposal company.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	Not established.
Waste from residues/ unused products	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is empty

**14. Transport information**

DOT (US)	
UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-

**IMDG**

UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-

**IATA**

UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-

**ADR**

UN number	N/A
UN proper shipping name	Not classified
Transport hazard class	-
Packing group, if applicable	-

**15. Regulatory information**

Safety, health and environmental regulations/legislation specific for the substance	EU: This safety datasheet complies with the requirement of Regulation (EC) No. 1997/2006
Other regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Chemical safety assessment	For this product a chemical safety assessment was not carried out.

**16. Other information**

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