

SAFETY DATA SHEET

(According to Regulation (EC) No. 1907/2006)

SDS

SDS Version: 1.1-Eng

Product: Sodium Benzoate

Creation Date: 2014-10-31

Revision Date: 2015-06-01

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : Sodium benzoate
Brand : Wuhan Youji Industries CO.,LTD.
CAS-No. : 532-32-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, bactericide, antiseptic,etc.

1.3 Details of the supplier of the safety data sheet

Company : Wuhan Youji Industries CO., LTD.10 Gongnong Road,
Qiaokou District, Wuhan, Hubei 430035 China
Telephone : +86 27-83429756
Fax : +86 27-83832423
E-mail address : organic@chinaorganic.com

1.4 Emergency telephone number

Emergency Phone # : +86 86-27-83429800

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Eye irritation (Category 2)

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

Irritating to eyes.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word Warning

Hazard statement(s)

H303 May be harmful if swallowed.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

Precautionary statement(s)

P264 Wash thoroughly after handling.

P280 Wear protective gloves/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists get medical advice/attention.

Supplemental Hazard Statements : None

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

Hazard symbol(s)



R-phrase(s)

R36

Irritating to eyes.

S-phrase(s)

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

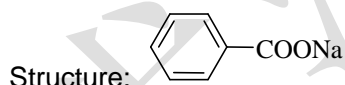
3.1 Substances

Name: Sodium benzoate

CAS No: 532-32-1

EC No: 208-534-8

REACH Registration No.: 01-2119460683-35-0002

 Formula: C₇H₅NaO₂


Molecular Weight: 144.1 g/mol

Synonyms: Antimol * Benzoan sodny(Czech) * Benzoate of soda * Benzoate sodium * Benzoesaure(na-salz)(German)*Sobenate* Sodium Benzoate *Sodium benzoic acid

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

Component	Classification	Concentration
Sodium benzoate		
CAS-No. 532-32-1	Eye Irrit 2; H303;	99.0%-100.5%
EC-No. 208-534-8	H316;H319;	

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

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Component	Classification	Concentration
Sodium benzoate		
CAS-No. 532-32-1	Xi; R36;	99.0%-100.5%
EC-No. 208-534-8		

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

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. 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

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

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 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 fire fighting if necessary.

5.4 Further information

No data available

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

6.2 Environmental precautions

Do not let product enter drains.

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.

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. Dust explosion class: St1.

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end uses

No data available

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

Safety glasses with side-shields conforming to EN166 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

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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

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|--------------------------------------|
| a) Appearance Form: | White powder |
| b) Odour : | No data available |
| c) Odour Threshold : | No data available |
| d) pH : | 7.0 - 8.5 at 144.1 g/l at 25 °C |
| e) Melting point/freezingpoint: | Melting point/range: > 300 °C - lit. |
| f) Initial boiling point and boiling range: | No data available |
| g) Flash point : | > 100 °C |
| h) Evaporation rate: | No data available |
| i) Flammability (solid, gas) : | No data available |
| j) Upper/lowerflammability or explosive limits: | No data available |
| k) Vapour pressure : | < 0,01 hPa at 20 °C |

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- l) Vapour density : No data available
m) Relative density : 1.440 g/cm³
n) Water solubility: 630 g/l
o) Partition coefficient: n-octanol/water log Pow: -2,13
p) Autoignition 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

Dust explosion class : St1

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Avoid moisture.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - rat - 2.100 mg/kg

Skin corrosion/irritation

Skin - rabbit - No skin irritation - OECD Test Guideline 404

Serious eye damage/eye irritation

Eyes - rabbit - Eye irritation

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

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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 data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

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

Eyes Causes serious eye irritation.

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: DH6650000

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 484 mg/l - 96 h

12.2 Persistence and degradability

Biodegradability Result: 90 % - Readily biodegradable.

Method: OECD Test Guideline 301

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

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No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

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

IATA: no

14.6 Special precautions for user

No data available

15. 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

No data available

16. OTHER INFORMATION

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

Eye Irrit.

Eye irritation

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H319 Causes serious eye irritation.

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

Xi Irritant

R36 Irritating to eyes.

Further information

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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 WUHAN YOUJI INDUSTRIES CO.,LTD.and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.chinaorganic.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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