



## A MATERIAL SAFETY DATA SHEET

### 3, 5-Diiodosalicylic acid

#### 1.1 Product Identifiers:

**Product Name** : 3, 5-Diiodosalicylic acid

**CAS No** : 133-91-5

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

Identified uses : Laboratory chemicals, Manufacture of substances

#### 1.3 Details of the supplier of the safety data sheet

**Supplier:** Infinium Pharmachem Pvt. Ltd. (AN ISO 9001:2008 CERTIFIEDCO.)  
38, G.I.D.C, Sojitra

Dist: ANAND

Gujarat, India

**Tel** : 0091-2697-234987

**Fax** : 0091-2697-234987

**Email** : [info@infiniumpharmachem.com](mailto:info@infiniumpharmachem.com)

**Synonyms** : 3, 5-Diiodo-2-hydroxybenzoic acid; 2-Hydroxy-3, 5-diodobenzoic acid

**CAS No.** : 133-91-5

**Molecular Weight** : 389.91 g/mol



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Pharmachem  
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### R.O. & Factory Address:-

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**Chemical Formula** :  $C_7H_{12}O_3$

### 3.1 Classification of the substance or mixture

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

Acute toxicity, Inhalation (Category 4)

Acute toxicity, Dermal (Category 4)

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3)

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

Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.

### 3.2 Label elements

#### Labeling according Regulation (EC) No 1272/2008



Pictogram

Signal word

Warning

Hazard statement(s)

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.



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H335 May cause respiratory irritation.

#### Precautionary statement(s)

- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P280 Wear protective gloves/ protective clothing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Supplemental Hazard None

#### Statements

### 3.3 Other hazards

None.

### 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 & efforts, both acute and delayed



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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

#### **5.1 Extinguishing Media:**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **5.2 Special hazards arising from the substance or mixture**

Hydrogen Iodide, Carbon oxides.

#### **5.3 Advice for firefighters**

Wear self contained breathing apparatus for fighting if necessary.

#### **5.4 Further Information**

No data available

#### **6.1 Personal precautions, protective equipment and emergency procedures**

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



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## 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. Normal measures for preventive fire protection.

## 7.2 Conditions for safe Storage, including any incompatibilities

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

## 7.3 Specific end uses

No data available.

## 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 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.

##### Body Protection



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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

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).

### 9.1 Information on Basic physical & chemical properties

a) Appearance	Form: powder
b) Odor	no data available
c) Odor Threshold	no data available
d) pH	no data available
e) Melting point/freezing Point	Melting point/range: 220 - 230°C – dec.
f) Initial boiling point and Boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower Flammability or explosive limits	no data available
k) Vapor pressure	no data available
l) Vapor density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol /water	no data available
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

No data available



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#### **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**

no data available

#### **10.5 Incompatible materials**

strong bases

#### **10.6 Hazardous decomposition products**

Other decomposition products - no data available

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

LD50 Oral - mouse - 450 mg/kg

#### **Skin corrosion/irritation**

no data available

#### **Serious eye damage/eye irritation**

no data available

#### **Respiratory or skin sensitization**

no data available

#### **Germ cell mutagenicity**

no data available

#### **Carcinogenicity**



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IARC: No component of this product presents 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

Inhalation – May cause respiratory irritation.

### Specific target organ toxicity - repeated exposure

no data available

### Aspiration hazard

no data available

### Potential health effects

**Inhalation** Harmful if inhaled. Causes respiratory tract irritation.

**Ingestion** Harmful if swallowed.

**Skin** Harmful if absorbed through skin. Causes 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: VO2800000

### 12.1 Persistence and degradability

no data available

### 12.2 Bioaccumulative potential

no data available

### 12.3 Mobility in soil

no data available





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## 12.4 Results of PBT and vPvB assessment

No data available.

## 12.5 Toxicity

no data available

## 12.6 Other adverse effects

No data available

## 13.1 Waste treatment methods

### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. 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.

## 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



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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

**MSDS Creation Date:** 01-01-2015

**Revision #1 Date:** 31-12-2017

#### Disclaimer:

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