

MATERIAL SAFETY DATA SHEET

Chemical Product

Product Name: 3, 5-DI IODO SALICYLIC ACID AR

CAS#: 133-91-5

C.I. No.: Not available.

Synonyms: 3, 5-Diiodo-
2-hydroxybenzoic acid
2-Hydroxy-3, 5-
diiodobenzoic acid.

Chemical Name: 3, 5-DI IODO SALICYLIC ACID AR

Chemical Formula: C7H4I2O3

Composition and Information on Ingredients

Name	S.K.U	% by Weight
3, 5-DI IODO SALICYLIC ACID	GCS-8116	<=100%

Hazards Identification

Classification of the substance or mixture

Classification of the substance according to Regulation (EC) No 1272/2008:

Acute toxicity, Inhalation (Category 4), H332

Acute toxicity, Dermal (Category 4), H312

Acute toxicity, Oral (Category 4), H302

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Specific target organ toxicity -single exposure (Category 3), H335

Other hazards : None.

First Aid Measures

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.

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

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Indication of any immediate medical attention and special treatment needed

No data available

Fire and Explosion Data

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, Hydrogen iodide

Advice for firefighters

Wear self contained breathing apparatus for fire-fighting if necessary.

Further information

No data available.

Accidental Release Measures

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.

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.

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. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): Combustible Solids

Exposure Controls/Personal Protection

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 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: 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 r (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).

Control of environmental exposure: Do not let product enter drains.

Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance Form	: Light brown powder.
b) Odour	: No data available.
c) Odour threshold	: No data available.
d) pH	: No data available.
e) Melting point/range	: 220 -230 °C-dec.
f) Initial boiling point and boiling range	: No data available.
g) Autoignition temperature	: No data available.
h) Flammability (solid, gas)	: No data available.
i) Upper/lower flammability or explosive limits :	
j) No data available. J	
k) Flash point [°C]	: No data available.
l) Evaporation rate	: No data available.
Vapour pressure	: No data available.

m) Vapour density	: No data available.
n) Relative density,	: No data available.
o) Solubility in water	: No data available.
p) Viscosity	: No data available.
q) Explosive properties	: No data available.
r) Oxidising properties	: No data available.
s) Decomposition temperature	: No data available.
t) Autoignition temperature	: No data available.
Molecular Weight	: No data available.

Stability and Reactivity Data

Reactivity : No data available.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : No data available.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong bases.

Hazardous decomposition products

Other decomposition products - Hazardous decomposition products formed under fire conditions.- Carbon oxides, hydrogen iodide.

Other decomposition products-No data available.

Toxicological Information

Information on toxicological effects

Acute toxicity

LD50 Oral-Mouse-450 mg/kg (3,5-DIIODOSALICYLIC ACID)

Skin corrosion/irritation

No data available (3,5-DIIODOSALICYLIC ACID)

Serious eye damage/eye irritation

No data available (3,5-DIIODOSALICYLIC ACID)

Respiratory or skin sensitization

No data available (3,5-DIIODOSALICYLIC ACID)

Germ cell mutagenicity

No data available (3,5-DIIODOSALICYLIC ACID)

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 (3,5-DIIODOSALICYLIC ACID)

Specific target organ toxicity -
single exposure No data available
(3,5-DIIODOSALICYLIC ACID)
Specific target organ toxicity -
repeated exposure No data
available

Aspiration hazard

No data available (3,5-DIIODOSALICYLIC ACID)

Additional Information

RTECS: VO2800000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (3,5-DIIODOSALICYLIC ACID)

Ecological Information

Toxicity: No data available.

Persistence - degradability : No data available.

Bioaccumulative potential : Not established.

Mobility in soil : No data available (3,5-DIIODOSALICYLIC ACID)

Results of PBT and vPvB assessment : PBT/vPvB assessment not available
as chemical safety assessment not required/not conducted.

Other adverse effects : No data available.

Disposal Considerations

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 chem scrubber.

Contaminated packaging: Dispose of as unused product.

Transformation Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]
General information : Not regulated.

Air transport (ICAO-IATA) [English
only]

General information : Not regulated.

Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

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

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.



Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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