Material Safety Data Sheet

ZINC IODIDE FOR SYNTHESIS (RXSOL-60-6605-843)

1. Product and Company Identifaction

Product Name	RXSOL-60-6605-843
Product Type	ZINC IODIDE FOR SYNTHESIS
Revised date	

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Barka

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

3.1 Substances : Zinc iodide
CAS-No. : 10139-47-6

Substance name	Contents	CAS No
Zinc iodide	100 %	10139-47-6

Substance.
Contains no other components or impurities which will influence the classification of the product.

3. Hazards Identification

3.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Skin corrosion (Category 1B), H314
For the full text of the H-Statements mentioned in this Section, see Section 16.
3.2 Label elements
Labelling according Regulation (EC) No 1272/2008
Hazardous Pictogram
Signal word: Danger
Hazard statement(s) H314
Causes severe skin burns and eye damage.
Precautionary statement(s) P280
Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor. Supplemental Hazard Statements none
3.3 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.

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 Take off contaminated clothing and shoes immediately.
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 Do NOT induce vomiting. 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
4.3 Indication of any immediate medical attention and special treatment needed
No data available

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
Hydrogen iodide, Zinc/zinc oxides
5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.
5.4 Further information
No data available

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
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 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 in cool place. Keep container tightly closed in a dry and well-ventilated place.
Air and light sensitive. Hygroscopic. Storage class
(TRGS 510): Non-combustible, corrosive hazardous materials
7.3 Specific end use(s) Apart from the uses mentioned in section
1.2 no other specific uses are stipulated

8. Exposure controls and personal protection

8.1 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. 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 industria situation of anticipated
use by our customers. It should not be construed as offering an approval for any specific use scenario.
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 (EN 143) respirator cartridges as a backup to engineering controls. If th 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 Do not let product enter drains.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties
Odour Threshold: No data available
pH 5.6 at 50 g/l at 20 °C
Melting point/range: 445 °C - lit.
Initial boiling point and boiling range : No data available
Flash point; Not applicable
Evaporation rate: No data available
Flammability (solid, gas) No data available
Upper/lower flammability or explosive limits : No data available
Vapour pressure: No data available
Vapour density: No data available
Relative density: 4.74 g/mL at 25 °C
Water solubility: No data available
Partition coefficient: No data available
octanol/water Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity :No data available
Explosive properties: No data available
Oxidizing properties: No data available
9.2 Other safety information
No data available

10. Stability and reactivity

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
Air, light, and moisture sensitive.
10.5 Incompatible materials
Potassium, Strong acids
10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Hydrogen iodide, Zinc/zinc oxides Other decomposition products - No data available In the event of fire: see section 5

11. Toxicological information

11.1 Information on toxicological effects Acute toxicity
No data available
Zinc iodide Skin corrosion/irritation No data available
Serious eye damage/eye irritation No data available
Respiratory or skin sensitisation No data available
Germ cell mutagenicity No data available
Carcinogenicity IARC: No component of this product present at levels greate than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity No data available
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.
Specific target organ toxicity - single exposure No data available
Specific target organ toxicity - repeated exposure
No data available Aspiration hazard No data available
Additional Information RTECS: Not available
Cough, Shortness of breath, Headache, Nausea, Vomiting

12. Ecological information

12.1 Toxicity
No data available
12.2 Persistence and degradability
No data available
12.3 Bioaccumulative potential
No data available
12.4 Mobility in soil
No data available(Zinc iodide)
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
No data available

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 chem scrubber.
Contaminated packaging Dispose of as unused product.

14. Transport information

14.1 UN number
ADR/RID: 3260
IMDG: 3260
IATA: 3260
14.2 UN proper shipping name
ADR/RID: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(Zinc iodide) IMDG: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Zinc iodide)
IATA: Corrosive solid, acidic, inorganic, n.o.s. (Zinc iodide)
14.3 Transport hazard class(es)
ADR/RID: 8
IMDG: 8
IATA: 8
14.4 Packaging group
ADR/RID: III
IMDG: III
IATA: III
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

15.1 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.
15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

16. Other information

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative
Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 Further information : None. In accordance with REACH Regulation (CE) Nº 1907/2006 and with CLP Regulation (CE) Nº 1272/2008 DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling,storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense

arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only
for this product. If the product is used as a component in another product, this MSDS information may not be applicable.