

1. Product and Company Identification

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

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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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

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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.

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

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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

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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

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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

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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

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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).

9. Physical and chemical properties

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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

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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

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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 greater

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

12. Ecological information

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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

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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

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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

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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

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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) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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