Material Safety Data Sheet

IODINE MONOBROMIDE (RXSOL-60-6604-732)

1. Product and Company Identifaction

Product Name	RXSOL-60-6604-732
Product Type	IODINE MONOBROMIDE
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
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

2.1 Substances Synonyms : Bromoiodine
Formula : BrI Molecular
Weight : 206,81 g/mol
CAS-No. : 7789-33-5
Hazardous ingredients according to Regulation (EC) No 1272/2008

Substance name	Contents	CAS No
Iodine bromide :	100 %	7789-33-5

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.
Classification according to EU Directives 67/548/EEC or 1999/45/EC C Corrosive R34
For the full text of the R-phrases mentioned in this Section, see Section 16.
3.2 Label elements
Labelling according Regulation (EC) No 1272/2008
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 P310 : Immediately call a POISON CENTER or doctor/ physician. Supplemental Hazard Statements none.
3.3 Other hazards –
none

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 bromide gas, Hydrogen iodide
5.3 Advice for firefighters Wear self contained
breathing apparatus for fire fighting 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.
Normal measures for preventive fire protection. 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.
Recommended storage temperature: 2 - 8 °C Air, light, and moisture sensitive. Store under inert gas.
7.3 Specific end use(s) A part from the uses mentioned in
section 1.2 no other specific uses are stipulated

8. Exposure controls and 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 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)
• Eye protection : Chemical goggles or safety glasses.
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.
•Full contact Material: Nitrile rubber Minimum layer
thickness: 0,11 mm Break through time: 480 min Material tested:Dermatril® Splash
contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break
through time: 480 min Material tested:Dermatril® data source: KCL GmbH,
D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de,
test method: EN374 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 and safety officer 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 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 a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a 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
Appearance Form: solid
Odour: no data available
pH :no data available
Melting point/range: 42 - 50 °C -
lit. Initial boiling point and boiling range no data available
Flash point not applicable
Evapouration 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 : 4,416 g/cm3 at 25 °C Water solubility: no data available
Partition coefficient: noctanol/ Water :no data available
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 Avoid moisture. Light.
10.5 Incompatible materials
Forms shock-sensitive mixtures with certain other materials., Alcohols, Phosphorus, Sodium/sodium oxides, Potassium
10.6 Hazardous decomposition products
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
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 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
Laboratory experiments have shown teratogenic effects.
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
Material is extremely destructive to tissue of the mucous
membranes and upper respiratory tract, eyes, and skin.,
Cough, Shortness of breath, Headache, Nausea

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
12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety
assessment not required/not conducted
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. 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: 3260 IMDG: 3260 IATA: 3260
14.2 UN proper shipping name ADR/RID: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(Iodine bromide) IMDG: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(Iodine bromide) IATA: Corrosive solid, acidic, inorganic, n.o.s. (Iodine bromide)
14.3 Transport hazard class(es) ADR/RID: 8 IMDG: 8 IATA: 8
14.4 Packaging group ADR/RID: II IMDG: II IATA: II
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
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
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