

## 1. Product and Company Identification

www.rxmarine.com

Product Name ZINC BROMIDE ANHYDROUS LR  
Part Number RXSOL-60-6605-837

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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## 2. Composition / Information on ingredients

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Chemical Name	CAS	EC number	Weight	Formula
Zinc bromide	7699-45-8	231-718-4	2.000 mg/kg	
Skin corrosion/irritation	Skin - Rabbit Result: Corrosive			
Serious eye damage/eye irritation	Eyes - Rabbit Result: Severe eye irritation			
Respiratory or skin sensitization	Maximization Test - Guinea pig May cause sensitization by skin contact. (OECD Test Guideline 406)			
Toxic Effects on Human	May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer).			
Carcinogenicity	Animal testing did not show any carcinogenic effects.			
Germ cell mutagenicity	Test Type: Rat Test system: Ascites tumor Remarks: Cytogenetic analysis			
Reproductive toxicity	No data available			
Specific target organ toxicity - single exposure	Inhalation - May cause respiratory irritation.			
Special Remarks on other Toxi Effects on Humans	Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation			

with nausea, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx. Chronic Potential Health Effects: Repeated or prolonged skin exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect respiration and metabolism.

Endocrine disrupting properties Cough, Shortness of breath, Headache, Nausea, Vomiting

## 12. Ecological information

[www.rxmarine.com](http://www.rxmarine.com)

Bioaccumulative potential

No data available

Persistence and degradability

Biodegradability Result: - According to the results of tests of biodegradability this product is not readily biodegradable.

Toxicity to fish

Semi-static test LC50 - other fish - 115,9 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

Immobilization EC50 - Daphnia magna (Water flea) - 8,8 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae

Growth inhibition EC50 - Skeletonema costatum (marine diatom) - 6,6 mg/l - 72 h

Toxicity to bacteria

EC50 - activated sludge - > 4.500 mg/l - 3 h (OECD Test Guideline 209)

Mobility in soil

No Information available

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.

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other adverse effects

Discharge into the environment must be avoided.

## 13. Disposal considerations

[www.rxmarine.com](http://www.rxmarine.com)

Disposal methods

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Dispose of as unused product.

Waste treatment Method

See [www.retrologistik.com](http://www.retrologistik.com) for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

## 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

UN number

ADR/RID: 3260 IMDG: 3260 IATA: 3260

UN proper shipping name

ADR/RID: Corrosive solid, acidic, inorganic, n.o.s. (zinc bromide)

IMDG:Corrosive solid, acidic, inorganic, n.o.s. (zinc bromide)

IATA:Corrosive solid, acidic, inorganic, n.o.s. (zinc bromide)

ADR/RID: 8 IMDG: 8 IATA: 8

ADR/RID: III IMDG: III IATA: III

ADR/RID: NO IMDG: NO IATA: NO

No data available

Transport hazard class(es)

Packaging group

Environmental hazards

Further information

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

Inventory status

Components are on the following inventories: Polymaleic acid: - US TSCA, Canadian DSL, EU EINECS, Australian AICS, Korean, Philippine PICCS and Chinese Xi irritant R 36/38 Irritant to eyes & skin R 41 Risk of serious damage to eyes S24/25 Avoid contact with skin and eyes S26/28 In case of contact eyes & skin, rinse with plenty water and seek medical advice Section 312/313: Not listed. Not listed under California proposition 65.

Safety, health and environmental regulations/legislation specific for the substance or mixture This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

National legislation

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P8 OXIDISING LIQUIDS AND SOLIDS E1 ENVIRONMENTAL HAZARDS

Other regulations

Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.

Chemical Safety Assessment

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

## 16. Other information

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Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

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