

## 1. Product and Company Identification

www.rxmarine.com

Product Name DI ISO BUTYL KETONE  
Part Number RXSOL-19-3356-072

### Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400A  
Fax +91 22 27612100 ::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

| Chemical Name                     | CAS   | EC number | Weight  | Formula |
|-----------------------------------|---|-----------|---|---------|
| Diisobutyl ketone                 | 108-83-8  | 203-620-1 | 2.000 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - 4 h - > 14,5 mg/l (OECD Test Guideline 403) LD50 Dermal - Rat - male and female - > 2.000 mg/kg (OECD Test Guideline 402) |         |
| Skin corrosion/irritation         | Skin - Rabbit Result: No skin irritation - 4 h (OECD Test Guideline 404)  |           |   |         |
| Serious eye damage/eye irritation | Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405)   |           |   |         |
| Respiratory sensitization or skin | Maximization Test - Guinea pig Result: Does not cause skin sensitization. (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                   | No data available   |           |   |         |
| Germ cell mutagenicity            | No data available Test Type: Ames test Test system: S. typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative   |           |   |         |
| Reproductive toxicity             | No data available   |           |   |         |

Specific target organ toxicity - single exposure No data available

Special Remarks on other Acute Potential Health  
Toxi Effects on Humans 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 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. Repeated dose toxicity - Rat - male - Oral - NOAEL (No observed adverse effect level) - 2.000 mg/kg To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. Ecological information

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

|   |  |
|---|--|
| Bioaccumulative potential                           | No data available  |
| Persistence and degradability                       | Biodegradability aerobic - Exposure time 20 d Result: 88 % - Readily biodegradable. (OECD Test Guideline 301D)   |
| Toxicity to fish                                    | Flow-through test LC50 - <i>Oncorhynchus mykiss</i> (rainbow trout) - 30 mg/l - 96 h (OECD Test Guideline 203)   |
| Toxicity to daphnia and other aquatic invertebrates | Immobilization EC50 - <i>Daphnia magna</i> (Water flea) - 37,2 mg/l - 48 h (OECD Test Guideline 202)   |
| Toxicity to algae                                   | Growth inhibition EC50 - <i>Pseudokirchneriella subcapitata</i> (green algae) - 46,9 mg/l - 72 h (OECD Test Guideline 201)   |
| Toxicity to bacteria                                | Static test EC50 - activated sludge - 563 mg/l - 3 h (OECD Test Guideline 209) Remarks: (in analogy to similar products) The value is given in analogy to the following substances: sodium hypochlorite solution |

|                                    |   |
|------------------------------------|---|
| 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              | No data available   |

### 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 | No data available  |

### 14. Transport information

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

|                            |   |
|----------------------------|---|
| UN number                  | ADR/RID: 1157 IMDG: 1157 IATA: 1157                                       |
| UN proper shipping name    | ADR/RID: DIISOBUTYL KETONE IMDG: DIISOBUTYL KETONE IATA:DIISOBUTYL KETONE |
| Transport hazard class(es) | ADR/RID: 3 IMDG: 3 IATA: 3  |
| Packaging group            | ADR/RID: III IMDG: III IATA: III  |
| Environmental hazards      | ADR/RID: NO IMDG: NO IATA: NO   |
| Further information        | No data available   |

### 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.  |
| Authorisations and/or restrictions on use  | REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : potassium chromate This product contains a substance listed on Annex XIV of the REACH Regulation (EC) Nr. 1907/2006. Listed substance / Sunset Date : potassium chromate / 21.09.2017 After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : potassium chromate |
| 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. : FLAMMABLE LIQUIDS   |
| Other regulations  | 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   |

## 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 we 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.

**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.