

1. Product and Company Identification

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Product Name ZINC ACETATE LR
Part Number RXSOL-60-6605-836

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

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2. Composition / Information on ingredients

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| Chemical Name | CAS | EC number | Weight | Formula |
|---------------------------|---------------------------|-----------|---------------------|---------|
| Zinc acetate | 557-34-6 | 209-170-2 | 410 °C at 1.013 hPa | |
| Decomposition temperature | No data available | | | |
| Vapour pressure | No data available | | | |
| Density | 1,84 g/mL at 25 °C - lit. | | | |
| Relative Density | No data available | | | |
| Relative vapor density | No data available | | | |
| Freezing point | No data available | | | |
| Viscosity | No data available | | | |
| Partition coefficient | No data available | | | |
| Explosive properties | No data available | | | |
| Solubility | ca.435 g/l at 25 °C | | | |
| Ignition temperature | No information available. | | | |
| Particle characteristics | No data available | | | |

10. Stability and reactivity

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| Reactivity | The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed. |
| Stability | The product is chemically stable under standard ambient conditions (room temperature) . |
| Possibility of hazardous reactions | No data available |
| Conditions to avoid | No data available |
| Incompatible materials | No data available |
| Hazardous decomposition products | In the event of fire: see section 5 |

11. Toxicological information

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| Acute toxicity | LD50 Oral - Rat - male - 663,8 mg/kg (OECD Test Guideline 423) Inhalation: No data available Dermal: No data available |
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| Skin corrosion/irritation | Remarks: No data available |
| Serious eye damage/eye irritation | Eyes - Bovine cornea Result: Causes serious eye damage. - 4 h (OECD Test Guideline 437) Eyes - Chicken eye Result: Irreversible effects on the eye - 10 s (OECD Test Guideline 438) |
| Respiratory or skin sensitization | No data available |
| 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 |
| Reproductive toxicity | No data available |
| Specific target organ toxicity - single exposure | No data available |
| Special Remarks on other Toxic 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 | 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. RTECS: AK1500000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |

12. Ecological information

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| Bioaccumulative potential | No data available |
| Persistence and degradability | Biodegradability aerobic - Exposure time 28 d Result: 99 % - Readily biodegradable. (Directive 67/548/EEC Annex V, C.4.A.) |
| Toxicity to fish | Static test LC50 - Pimephales promelas (fathead minnow) - 2,46 mg/l - 96 h (OECD Test Guideline 203) |
| Toxicity to daphnia and other aquatic invertebrates | Semi-static test EC50 - Daphnia magna (Water flea) - 3,72 mg/l - 48 h (OECD Test Guideline 202) |
| Toxicity to algae | Static test EC50 - algae - 2,1 mg/l - 72 h (OECD Test Guideline 201) |
| Toxicity to bacteria | Static test EC50 - Pseudomonas putida - 7,2 mg/l - 16 h (DIN 38 412 Part 8) |
| 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

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| 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. |
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| Contaminated packaging | Dispose of as unused product. |
| Waste treatment Method | See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions. |

14. Transport information

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| UN number | ADR/RID: 3077 IMDG: 3077 IATA: 3077 |
| UN proper shipping name | ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc diacetate) |
| | IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc diacetate) |
| | IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc diacetate) |
| Transport hazard class(es) | ADR/RID: 9 IMDG: 9 IATA: 9 |
| Packaging group | ADR/RID: III IMDG: III IATA: III |
| Environmental hazards | ADR/RID: yes IMDG:yes IATA: NO |
| Further information | EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids. |

15. Regulatory information

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| 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. : ENVIRONMENTAL HAZARDS : 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 |
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