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Product name zinc pyrithione Product number - Other names Zinc pyrithione Identified uses For industry use only. Uses advised against no data available Company WWW.GuideChem.COM Address 8F, Block C, No.3 Building, Zijin Plaza, No.701, Gudun Road, Hangzhou, Zhejiang 310030, China Telephone +86-571-89739798 Fax 86(21)54365166
Emergency phone number +86-571-89739798 Service hours Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours). Acute toxicity - Oral, Category 3 Serious eye damage, Category 1 Acute toxicity - Inhalation, Category 3 Hazardous to the aquatic environment, short-term (Acute) - Category Acute 1 Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 1 2.2 GHS label elements, including precautionary statements Pictogram(s) Signal word Danger Hazard statement(s) H301 Toxic if swallowed H318 Causes serious eye damage H331 Toxic if inhaled H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects
Precautionary statement(s) Prevention P264 Wash ... thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. Response P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/2026 P321 Specific treatment (see ... on this label). P330 Rinse mouth. 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/2026 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P311 Call a POISON CENTER/doctor/2026 P391 Collect spillage. Storage P405 Store locked up. P403+P233 Store in a well-ventilated place. Keep container tightly closed. Disposal P501 Dispose of contents/container to ... 2.3 Other hazards which do not result in classification none 3.Composition/information on ingredients 3.1 Substances Chemical name Common names and synonyms CAS number EC number Concentration zinc pyrithione zinc pyrithione 13463-41-7 none 100% 4.First-aid measures 4.1 Description of necessary 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 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 Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. 4.2 Most important symptoms/effects, acute and delayed no data available 4.3 Indication of immediate medical attention and special treatment needed, if necessary 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 Specific hazards arising from the chemical no data available 5.3 Special protective actions for fire-fighters Wear self-contained breathing apparatus for firefighting if necessary. 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 Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. 6.3 Methods and materials for containment and cleaning up Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal. 7.Handling and storage 7.1 Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use.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. 8.Exposure controls/personal protection 8.1 Control parameters Occupational Exposure limit values no data available Biological limit values no data available 8.2 Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. 8.3 Individual protection measures, such as personal protective equipment (PPE) Eye/face protection Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. 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 89/666/EEC and the standard EN 374 derived from it. Respiratory protection Wear dust mask when handling large quantities. Thermal hazards no data available 9.Physical and chemical properties Physical state Off-white to tan powder Colour no data available Odour no data available Melting point/ freezing point -46(u00b0C)(lit.) Boiling point or initial boiling point and boiling range 130(u00b0C)/0.5mmHg(lit.) Flammability no data available Lower and upper explosion limit / flammability limit no data available Flash point 10(u00b0C)(lit.) Auto-ignition temperature no data available Decomposition temperature no data available pH no data available Kinematic viscosity no data available Solubility In water:Insoluble (Partition coefficient n-octanol/water (log value) no data available Vapour pressure 0.00275mmHg at 25(u00b0C Density and/or relative density 1.782 g/cm3 (25u00baC) Relative vapour density no data available Particle characteristics 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 no data available 10.5 Incompatible materials no data available 10.6 Hazardous decomposition products no data available 11.Toxicological information Acute toxicity Oral: no data available Inhalation: no data available Dermal: no data available Skin corrosion/irritation no data available Serious eye damage/irritation no data available Respiratory or skin sensitization no data available Germ cell mutagenicity no data available Carcinogenicity no data available Reproductive toxicity no data available STOT-single exposure no data available STOT-repeated exposure no data available Aspiration hazard no data available 12.Ecological information 12.1 Toxicity Toxicity to fish: no data available Toxicity to daphnia and other aquatic invertebrates: no data available Toxicity to algae: no data available Toxicity to microorganisms: 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 Other adverse effects no data available 13.Disposal considerations 13.1 Disposal methods Product 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 Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials. 14.Transport information 14.1 UN Number ADR/RID: UN2811 IMDG: UN2811 IATA: UN2811 14.2 UN Proper Shipping Name ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. IMDG: TOXIC SOLID, ORGANIC, N.O.S. IATA: TOXIC SOLID, ORGANIC, N.O.S. 14.3 Transport hazard class(es) ADR/RID: 6.1 IMDG: 6.1 IATA: 6.1 14.4 Packing group, if applicable ADR/RID: II IMDG: II IATA: II 14.5 Environmental hazards ADR/RID: yes IMDG: yes IATA: yes 14.6 Special precautions for user no data available 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code no data available 15.Regulatory information 15.1 Safety, health and environmental regulations specific for the product in question Chemical name Common names and synonyms CAS number EC number zinc pyrithione zinc pyrithione 13463-41-7 none European Inventory of Existing Commercial Chemical Substances (EINECS) Listed. EC Inventory Listed. United States Toxic Substances Control Act (TSCA) Inventory Listed. China Catalog of Hazardous chemicals 2015 Not Listed. New Zealand Inventory of Chemicals (NZIoC) Listed. Philippines Inventory of Chemicals and Chemical Substances (PICCS) Listed. Vietnam National Chemical Inventory Listed. Chinese Chemical Inventory of Existing Chemical Substances (China IECSC) Listed. 16.Other information Information on revision Creation Date Aug 10, 2017 Revision Date Aug 10, 2017 Abbreviations and acronyms CAS: Chemical Abstracts Service ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulation concerning the International Carriage of Dangerous Goods by Rail IMDG: International Maritime Dangerous Goods IATA: International Air Transportation Association TWA: Time Weighted Average STEL: Short term exposure limit LC50: Lethal Concentration 50% LD50: Lethal Dose 50% EC50: Effective Concentration 50% References IPCS - The International Chemical Safety Cards (ICSC), website: HSDB - Hazardous Substances Data Bank, website: IARC - International Agency for Research on Cancer, website: eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: CAMEO Chemicals, website: ChemDplus, website: ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: Germany GESTIS-database on hazard substance, website: ECHA - European Chemicals Agency, website: Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. 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