

KBS MORTAR / IGNITECT Z ROT

Version 1.0 Revision Date: 27.08.2021 SDS Number: 000000496143 Date of last issue: -
Date of first issue: 27.08.2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KBS MORTAR / IGNITECT Z ROT

Manufacturer or supplier's details

Company : Wolman Wood and Fire Protection GmbH

Address : Dr.-Wolman-Strasse 31-33
Sinzheim 76547

Telephone : +4972218000

Emergency telephone : ChemTel: +1-813-248-0585

Telefax : +497221800290

Recommended use of the chemical and restrictions on use

Recommended use : Fire Prevention

2. HAZARDS IDENTIFICATION**GHS Classification**

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 1

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.
H315 Causes skin irritation.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P264 Wash face, hands and any exposed skin thoroughly after handling.
Response:
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.

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P302 + P352 IF ON SKIN: Wash with plenty of water.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.

Other hazards which do not result in classification

No specific dangers known, if the regulations/notes for storage and handling are considered.
 The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.
 If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
 Chemical nature : Blend based on:

Components

Chemical name	CAS-No.	Concentration (% w/w)
Cement, portland, chemicals	65997-15-1	>= 0,3 - < 20

4. FIRST AID MEASURES

General advice : Remove contaminated clothing.

If inhaled : Keep patient calm, remove to fresh air, seek medical attention.
 Immediately administer a corticosteroid from a controlled/metered dose inhaler.

In case of skin contact : Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed : Causes skin irritation.
 Causes serious eye damage.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Not applicable
 Unsuitable extinguishing : Not applicable

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media

- Specific hazards during fire fighting : Product is not combustible or explosive. No particular hazards known.
- Specific extinguishing methods : Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective clothing. Information regarding personal protective measures, see section 8. Avoid contact with the skin, eyes and clothing. Do not breathe dust. Ensure adequate ventilation. Wear respiratory protection if ventilation is inadequate.
- Environmental precautions : Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Dispose of absorbed material in accordance with regulations. Cleaning operations should be carried out only while wearing breathing apparatus. Avoid raising dust. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special precautions necessary. The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.
- Advice on safe handling : The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irritation of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact to the dry product should be avoided therefore. Ensure thorough ventilation of stores and work areas. Wear suitable protective clothing and eye/face protection. Avoid contact with the skin, eyes and clothing.
- Further information on storage conditions : Keep container dry.
- Materials to avoid : Segregate from foodstuffs.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

Engineering measures : Provide adequate exhaust ventilation to control work place concentrations.
No further information, see section 7.

Personal protective equipment

Respiratory protection : Suitable respiratory protection for lower concentrations or short-term effect:
Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection

Remarks : Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc. Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Skin and body protection : Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

Protective measures : Handle in accordance with good industrial hygiene and safety practice.
Wearing of closed work clothing is required additionally to the stated personal protection equipment.
Avoid contact with the skin, eyes and clothing.
Do not breathe dust.

Hygiene measures : No eating, drinking, smoking or tobacco use at the place of work.
Hands and/or face should be washed before breaks and at the end of the shift.
Store work clothing separately.
Observe skin protection measures like preventive skin protection, soil-related careful cleaning and application of creamy skin-care agents.
Segregate from foodstuffs.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Color	:	red
Odor	:	odorless
pH	:	11,5 - 12,0 (20 °C) Method: no information
Melting point	:	not determined
Boiling point	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	negligible
Flammability (solid, gas)	:	Based on the chemical structure there is no indication of flammability Method: other
Upper explosion limit / Upper flammability limit	:	For solids not relevant for classification and labelling.
Lower explosion limit / Lower flammability limit	:	For solids not relevant for classification and labelling.
Vapor pressure	:	negligible
Relative vapor density	:	negligible
Bulk density	:	600 - 800 kg/m ³
Solubility(ies) Water solubility	:	partly soluble
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Temperature of polymerization (SAPT)	:	Study scientifically not justified.
Viscosity Viscosity, dynamic	:	Not applicable

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Explosive properties	:	Based on the chemical structure there is no indication of explosive properties.
Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
Self-heating substances	:	It is not a substance capable of spontaneous heating.
Metal corrosion rate	:	No data available.

10. STABILITY AND REACTIVITY

Reactivity	:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	:	No hazardous reactions if stored and handled as prescribed/indicated.
Conditions to avoid	:	See SDS section 7 - Handling and storage. Avoid humidity.
Incompatible materials	:	aluminum compounds
Hazardous decomposition products	:	No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

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Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

Further information**Product:**

Remarks : The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability**Product:**

Biodegradability : Result: Not readily biodegradable (by OECD criteria).

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Observe national and local legal requirements.

14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

Not applicable

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

16. OTHER INFORMATION**Further information**

Other information : Any other intended applications should be discussed with the manufacturer.
Corresponding occupational protection measurements must be followed.

Full text of other abbreviations

AllC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized Sys-

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tem; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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