

Serrox Technischer Handel Roland Saettler
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1. Identification of the substance / preparation and of the company

Name: Capillary Activator Art. No. 1030018
Company: Serrox Technischer Handel Roland Saettler
Kirchstrasse 5
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Tel.: +49 (0) 6154 575001 Fax: +49 (0) 6154 575002
Responsible: Managing Director
Emergency phone: +49 (0) 6154 575001
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2. Hazards identification

Physico-chemical hazards: No particular hazards known.
Human health dangers: Frequent persistent contact with the skin can cause skin irritation.
Environmental hazards: See R-phrases.
Other hazards: none
R-phrases: R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Human health dangers, contains: Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction.

3. Composition / Information on ingredients

| Range [%] | Substance |
|--------------|--|
| 0,1 - < 0,50 | GHS/CLP: Registration: CAS: 41556-26-7, EINECS/ELINCS: 255-437-1, EU-INDEX: , ECBnr: EEC: Xi-N, R43-50/53 Three or more Methyl-Sebacates |
| 0,1 - < 1 | GHS/CLP: Registration: CAS: 68439-46-3, EINECS/ELINCS: Polymer, EU-INDEX: , ECBnr: EEC: Xn-N, R22-41-50 Alcohol ethoxylated |

Substances of Very High Concern – SVHC:

The product contains no substance which is named in the list SVHC (Candidate List of Substances of Very High Concern for authorization).

4 First aid measures

General information: Change soaked clothing.
Inhalation: Ensure supply of fresh air.
Skin contact: In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.
Eye contact: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion: Seek medical advice immediately. Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.
Advice to doctor: Treat symptomatically.

5 Fire-fighting measures

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| Suitable extinguishing media: | Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered. |
| Extinguishing media that must not be used: | Full water jet. |
| Special exposure hazards arising from the substance or preparation itself or combustion products: | Unknown risk of formation of toxic pyrolysis products. |
| Special protective equipment for firefighters: | Use self-contained breathing apparatus. |
| Additional information: | Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations. |

6 Accidental release measures

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| Personal precautions: | High risk of slipping due to leakage/spillage of product. |
| Environmental precautions: | Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. |
| Methods for cleaning up: | Take up with absorbent material (e.g. sand, sawdust). Dispose of absorbed material in accordance within the regulations. |

7 Handling and storage

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| Advice on safe handling: | No special measures necessary if used correctly. |
| Advice on protection against fire and explosion: | No special measures necessary. |
| Requirements for storage rooms and vessels: | Keep only in original container. |
| Advice on storage compatibility: | No special measures necessary. |
| Further information on storage conditions: | No special measures necessary. |

8 Exposure controls / personal protection

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| Additional advice on system design: | not applicable |
| Ingredients with occupational exposure limits to be monitored: (GB) | |
| Range [%] Substance / WEL: Workplace exposure limit | |
| Respiratory protection: | not applicable |
| Hand protection: | Butyl rubber, >480 min (EN 374). |
| Eye protection: | Safety glasses. |
| Skin protection: | not applicable |
| General protective measures: | Avoid contact with eyes and skin. |
| Hygiene measures: | Wash hands before breaks and after work. Use barrier skin cream. |
| Delimitation and monitoring of the environmental exposition: | not determined |

9 Physical and chemical properties

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|---|----------------|
| Form: | liquid |
| Color: | whitish |
| Odor: | characteristic |
| pH-value: | not applicable |
| pH-value [1%]: | not applicable |
| Boiling point [°C]: | not determined |
| Flash point [°C]: | not applicable |
| Flammability [°C]: | not applicable |
| Lower explosion limit: | not applicable |
| Upper explosion limit: | not applicable |
| Oxidizing properties: | no |
| Vapour pressure [kPa]: | not determined |
| Density [g/ml]: | 0,98 |
| Bulk density [kg/m³]: | not applicable |
| Solubility in water: | miscible |
| Partition coefficient [n-octanol/water]: | not determined |
| Viscosity: | not applicable |
| Relative vapour density determined in air: | not applicable |
| Evaporation speed: | not applicable |
| Melting point [°C]: | not determined |
| Autoignition temperature [°C]: | not applicable |
| Decomposition temperature: | not determined |

10 Stability and reactivity

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| Hazardous reactions: | No hazardous reactions known. |
| Hazardous decomposition products: | No hazardous decomposition products known. |

11 Toxicological information

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|--------------------------------------|---------------------------------------|
| Acute oral toxicity: | not determined |
| Acute dermal toxicity: | not determined |
| Acute inhalational toxicity: | not determined |
| Irritant effect on eye: | not determined |
| Irritant effect on skin: | not determined |
| Sensitization: | not determined |
| Subacute toxicity: | not determined |
| Chronic toxicity: | not determined |
| Mutagenicity: | not determined |
| Reproduction toxicity: | not determined |
| Carcinogenicity: | not determined |
| Experiences made in practice: | none |
| General remarks: | Toxicological data are not available. |

No classification on the basis of the calculation procedure of the preparation directive.

12 Ecological information

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| Fish toxicity: | not determined |
| Daphnia toxicity: | not determined |
| Behaviour in environment compartments: | not determined |
| Behaviour in sewage plant: | not determined |
| Bacteria toxicity: | not determined |
| Biological degradability: | The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
| COD: | not determined |
| BOD 5: | not determined |
| AOX-advice: | The product contains organically bound halogen in accordance with the formulation. |
| 2006/11/EC: | not applicable |
| General information: | The product was classified on the basis of the calculation procedure of the preparation directive. |

13 Disposal considerations

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| Product: | For recycling, consult manufacturer. |
| Contaminated packaging: | Uncontaminated packaging may be reused. |
| Waste no. (recommended): | 070601* |

14 Transport information

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| Classification according to ADR: | NO DANGEROUS GOODS |
| - Classification Code: | |
| - ADR LQ | |
| - ADR 1.1.3.6 (8.6): | Transport category (tunnel restriction code): - |
| - Label: | |
| Classification according to IMDG: | NOT CLASSIFIED AS "DANGEROUS GOODS" |
| - EMS | |
| - IMDG LQ: | |
| - Label: | |
| Classification according to IATA: | NOT CLASSIFIED AS "DANGEROUS GOODS" |
| - Label: | |

15 Regulatory information

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| Exposure scenario: | not applicable |
| Chemical safety report: | not applicable |
| Labelling: | The product is classified and labelled in accordance within EC-directives. |
| Hazard symbols: | none |
| R-phrases: | R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| S-phrases: | S 35: This material and its container must be disposed of in a safe way. |
| Special labelling: | none |
| Special labelling, contains: | Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction. |
| Authorisation, TITEL VII: | not applicable |
| Restrictions, TITEL VIII: | not applicable |
| EEC-REGULATIONS: | 1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG (2008/47/EG) |
| TRANSPORT-REGULATIONS: | DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010). |
| NATIONAL REGULATIONS (GB) | EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4 |

16 Other informations

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| R-phrases (Chapter 03): | R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R 22: Harmful if swallowed. R 43: May cause sensitisation by skin contact. R 50: Very toxic to aquatic organisms. R 41: Risk of serious damage to eyes. |
| Observe employment restrictions for people: | no |
| VOC (1999/13/CE): | < 1 % |
| Detergent 648/2004/CE, contains: | preservatives (2,6-Dimethyl-1,3-dioxan-4-ylacetate) <5%polycarboxylates preservatives (IODOPROPYNYL BUTYLCARBAMATE) preservatives (FORMALDEHYDE) preservatives (DMDM HYDANTOIN) |

Disclaimer:

This information is based on our present knowledge.
However, this shall not constitute a guarantee for any
specific product features and shall not establish
a legally valid contractual relationship.