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| 1. **IDENTIFICATION OF CHEMICAL PRODUCTS AND INFORMATION ON THE MANUFACTURER AND / OR SUPPLIER**
 |
| **Technical name** |  | Polymer material «Аcremon» (brands: В-1, В-2, АМК-10, АМК-10 NF, В-1М, D-1, D-1AA, D-1HM, D-20, D-13, SP-5, LK-1, LK-2, PUL-1, PUL-2, PUL-3, PP-4, AN, BD-4, KR-90, AK-30, AK-35, AK-45, AK-53, AM, Emulsion, ЗС, N-20, MA-40, VR82, DSP1, DSP2, DSP3, D-1AA-MD, АС40, АС45, WT15 ) |
| **Brief recommendations for use** |  | It is used (depending on the brand) as a raw material component in the production of synthetic detergents, household chemicals, cosmetics, paint and varnish materials, means for water treatment and operation of water supply systems (except for water treatment for household and drinking purposes), reagent for flotation processes in the mining and processing industry, etc. |
| **Name of company** |  | «Orgpolymersyntheze St.Pb» Ltd. |
| **Address** |  |  RF, 196084 St. Petersburg, Kolya Tomchak str., 28 lit.3 pom.5H  |
| **Telephone for emergency consultation** |  | (812) 740-17-54 |
| **Fax** |  |  |
| **Е-mail** |  | orgpol@orgpol.com |
| **Web-site** |  | www.orgpol.com |
| 1. **GHS HAZARDS IDENTIFICATION**
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| **Classification****of warning labeling** |  | Not available |
| Signal word |  | Caution |
| Danger Symbols |  | none |
| Н-phrases |  | H320 |
| P-phrases |  | none |
| **3.** **COMPOSITION / INFORMATION ON INGREDIENTS** |
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| Components | Concentration (%) | CAS Number  | EC number |
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| Polymers and copolymers based on acrylic and methacrylic monomers | 10-47 | 67785-62-0 | none |
| Water | 53-90 | 7732-18-5 | 231-791-2 |

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| **4 FIRST AID MEASURES** |
| **Eye contact** |  | Rinse with running water. |
| **When exposed to the skin** |  | Rinse with running water.  |
| **If swallowed** |  | Plentiful drink, activated carbon, consult a doctor/ |
| **Inhalation** |  | none |
| **Most important symptoms** |  | none |
| **Potential hazardous effects** |  | none |
| **5 FIRE FIGHTING MEASURES** |
| **Flammability** |  | Non-flammable substance |
| **Thermal decomposition products** |  | Oxides of carbon with involvement in the packaging process |
| **Fire and explosion safety** |  | Not achieved |
| **Extinguishing methods** |  | In case of fires, all available fire extinguishing means can be used to extinguish the flame: sand, koshma, air-mechanical mixture, foam or carbon dioxide fire extinguishers. |
| **Specificity for extinguishing** |  | Packaging may initially be involved in the fire source during the burning process. Gorenje Foam fire extinguishers can form a slippery surface |
| **6 MEASURES FOR ACCIDENTAL EMISSION / LEAKAGE** |
| **Individual precautions** |  | Use personal protective equipment. Provide effective ventilation, especially in enclosed spaces. |
| **Environmental precautions** |  | Eliminate the leakage if possible. If the product gets into open water and sewers, it is necessary to inform the relevant authorities about this. Avoid release to the environment. |
| **Contamination and cleaning** |  | In case of soil contamination, remove contaminated soil for restoration or removal in accordance with current regulations. |
| **7. HANDLING AND STORAGE** |
| **Precautions and safe handling** |  | For personal protection measures see section 8. Provide effective ventilation. Products can be transported by all modes of transport. |
| **Precautionary measures****Safe storage** |  | Observe the usual fire safety measures.The measures must be taken to protect the container from damage and precipitation during storage. Products are stored on racks, pallets or in piles in closed dry and well-ventilated warehouses at temperatures from -5°C to 40°C and a relative humidity of not more than 90%. The container should be placed with lids at a distance of at least 0.5 m from external walls and at least 2 m from sources of heat and fire in conditions that exclude exposure to water, corrosive media (oxidizers, acids, alkali) |
| **8. PERSONAL PROTECTIVE EQUIPMENT** |
| **Personal protection****Equipment****Management** |  | The potential hazard of this material, permissible exposure limits, work and other substances at the place of operations should be considered when designing technical means of control and choosing personal protective equipment. |
| **Personal protective equipment** |  |  |
| **Eye protection** |  | C:\Users\Home\Desktop\get - копия.jpg |
| **Respiratory protection** |  | not required |
| **Hand protection** |  | **C:\Users\Home\Desktop\get - копия (2).jpg** |
| **Special means** |  | none |
| **9 PHYSICOCHEMICAL PROPERTIES** |
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| Specifications | Indicators |
| Form | liquid |
| Colour | transparent or slightly cloudy colorless or slightly colored |
| Smell | weak technical |
| рН: | 1-11 |
| Viscosity, MPa\*s (Brookfield) | before 10000 |
| Boiling point, °C | 100 |
| Decomposition temperature, °C | >160  |

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| **10. STABILITY AND REACTIVITY** |
| **Chemical stability** |  | The product is stable |
| **Solubility** |  |  Soluble in water |
| **11. TOXICITY INFORMATION** |
| **Acute toxicity** |  | DL50 > 5000 mg/kg (rats, oral)DL50 > 5000 mg/kg (rabbits, dermal)CL50 > 5000 mg/m3 (rats, ing., 4 h); |
| **Respiratory or skin sensibilization** |  | It has a weak irritating effect on the skin and mucous membranes of the eyes.Does not cause skin sensitization. Does not have a resorptive effect. |
| **Mutagenicity** |  | In animal experiments, a weak ability to cumulate has been established. |
| **Carcinogenicity** |  | This product is not considered a carcinogen IARC, ACGIH, NTP or OSHA.OSHA specially regulated substances (29 CFR 1910.1001-1050). Not listed. |
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| **Reproductive toxicity** |  | This product does not have reproductive toxicity and teratogenic effects. |
| **Specific target organ toxicity -****single exposure** |  | CL50 human is not reached |
| **Specific target organ toxicity -****repeated exposure** |  | No information |
| **Aspiration hazard** |  | No information |
| **Chronic effects** |  | No information |
| **12.** **ECOLOGICAL INFORMATION** |
| **Aquatic microorganisms****Persistence and Degradability****Bioaccumulative potential****Soil mobility** |  | Acute toxicity for fish:in experiments on guppy fry:ED16 = 720 mg/l, ED50 = 803 mg/l,ED84 = 895 mg/l (in terms of dry matter).Acute toxicity for daphnia Magna:CL 50 = 1000 mg/l (in terms of dry matter)ED16 = 905 mg/l,ED50 = 1024 mg/l,ED84 = 1159 mg/l.Toxicity parameters for prolonged exposure to algae (20 days):ED16 = 743 mg/l, ED50 = 1883 mg/l,ED84 = 4773 mg/l. |
| **Other side effects** |  | Dissolves in water, penetrates into the soil. there is no data on the transformation of the product as a whole. |
| **13. WASTE HANDLING** |
|  |  | Safety measures when working with waste are similar to those recommended for working with the main product (see section 7).Product waste is collected and, with a large dilution (at least 50 times), sent to the sewer. Water flushing after cleaning the accident site and processing the containers are sent to the sewer with five times dilution with water. Containers that are unusable are washed with water and sent for disposal as industrial waste. The container is serviceable and is reused. Irrevocable or obsolete containers should be eliminated as the main waste. |
| **14. TRANSPORT INFORMATION** |
| **14.1 UN number (UN)** |  | Not available |
| **14.2 Proper shipping and transport name** |  | Polymer material "Acremon" (hereinafter referred to as the brand) |
| **14.3 Danger Types of transport risk types** |  |  |
| ***International Civil Aviation Organization******/ International Air Transport Association*** ***(ICAO / IATA)*** |  |  |
| Danger / Class / Division |  | None |
| Environmental hazards |  | None |
| Marks |  | None |
| ***International Maritime******Dangerous Goods Code*** ***(IMDGC)*** |  |  |
| Danger / class / division |  | None |
| Hazardous to the aquatic environment |  | - |
| Marks |  | None |
| ***Intergovernmental Organization for Rail Transport (RID) /******European Agreement on the Transport of Dangerous Goods (ADR)*** |  |  |
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| Danger / class / division |
| Marks |

 Code |   | None None  |
| **14.4 Group packing** |  | not appointed |
| **14.5 Environmental hazards** |  |  |
| **14.6** **Bulk transportation in accordance with** Annex II to the International Convention for the Prevention of Pollution from Ships (MARPOL) 73/78 and the code of the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemical Cargoes in Bulk (MOC**)** |  | No requirements |
| **14.7** **Special precautions** |  | None |
| **15. REGULATORY INFORMATION** |
| Intergovernmental Organization for Rail Transport (RID)European Agreement on the Transport of Dangerous Goods (ADR)International Air Transport Association(ICAO / IATA)International MaritimeDangerous Goods Code(IMDG) |
| **16. ADDITIONAL INFORMATION** |
| **Actual date:** |  | 28.11.2022 |
| **Protection clause:** |  | The information provided in this Material Safety Data Sheet is based on data that is considered accurate as of the date of preparation of this Passport. No responsibility is assumed for any damage or injury caused by abnormal use or due to non-compliance with recommended practices. The above information and the product are provided on the condition that the person receiving them must make their own determination regarding the suitability of the product for their specific purpose and on the condition that they assume the risk of using them. It is assumed that the above information is accurate and reflects the information available to the manufacturer. However, this does not entail guarantees for all specific characteristics of the goods and does not serve as a basis for the emergence of contractual relations from a legal point of view. The laws and regulations currently in force must be observed by the manufacturer's successor under his own responsibility. |

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| General manager of «Orgpolymersyntheze St.Pb» Ltd. | A.A.Spiridonov |

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