

**O7590 Dispersion Acronal® 500 D**

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**1. Identification of the Substance/Mixture and of the Company/Undertaking****1.1. Product Identifier***Product Name:* Dispersion Acronal® 500 D*Article No.:* O7590*UFI:* --**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:*  
Raw material for industrial purposes*Uses advised against:***1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)***Company:* Interlabshop BV*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands*Tel./Fax.:* +31(0)55-5215016*Internet:* www.labshop.nl*E-Mail:* labshop@labshop.nl*Importer:* --**1.4. Emergency No.***Emergency No.:* 112 (24 hours a day)**1.4.2 Poison Center:****2. Hazards Identification****2.1. Classification of the Substance or Mixture***Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Possible Environmental Effects:***2.2. Label Elements***Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Hazard designation:**Not applicable.**Signal word:**Hazard designation:*

EUH208

May produce an allergic reaction.

*Safety designation:**Hazardous components for labelling:***2.3. Other Hazards***Contains a mixture of 5-Chloro-2-methylisothiazolin-3(2H)-one and next page: 2*

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*2-Methylisothiazol-3(2H)-one (3:1), 2-Methylisothiazolin-3(2H)-one: can cause allergic reactions.*

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**3. Composition/Information on Ingredients****3.1. Substance****3.2. Mixture**

*Chemical Characterization: Aqueous dispersion of a thermoplastic acrylic polymer based on: acrylic-acid ester and vinyl ester.*

*Information on Components / Hazardous Ingredients:*

*Additional information:*

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**4. First Aid Measures****4.1. Description of the First Aid Measures**

*General information:*

*Remove contaminated clothes.*

*After inhalation:*

*Supply fresh air and keep patient calm.*

*After skin contact:*

*Remove contaminated clothing. Wash off immediately with plenty of water and soap.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes. Consult physician.*

*After ingestion:*

*Rinse mouth and give 200 - 300 ml of water to drink. Do not induce vomiting without medical advice.*

**4.2. Most important Symptoms and Effects, both Acute and Delayed**

*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

**4.3. Indication of any Immediate Medical Attention and special Treatment needed**

*Treatment:*

*Symptomatic treatment (decontamination, vital functions), no specific antidote known.*

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**5. Fire-Fighting Measures****5.1. Extinguishing Media**

*Suitable extinguishing media:*

*Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray jet.*

*Unsuitable extinguishing media:*

**5.2. Special Hazards arising from the Substance or Mixture**

*Special hazards:*

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*No special hazards.***5.3. Advice for Firefighters***Protective equipment:**No special measures required.**Further information:**Contaminated extinguishing water and debris should be disposed of according to local regulations.**Not combustible.*

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**6. Accidental Release Measures****6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Wear protective clothing.**Avoid contact with eyes and skin.***6.2. Environmental Precautions***Environmental precautions:**Prevent contamination of soil, drains and surface waters.***6.3. Methods and Material for Containment and Cleaning Up***Methods and material:**Larger amounts should be pumped into adequate containers.**Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.***6.4. Reference to other Sections***Protective clothing, see Section 8.**See Section 13 for information on disposal.*

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**7. Handling and Storage****7.1. Precautions for Safe Handling***Instructions on safe handling:**The usual precautionary measures are to be adhered to when handling chemicals.**Hygienic measures:**No further measures, see Section 8.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Protect from frost.**Requirements for storage areas and containers:**When stored over a longer period of time it is possible that small amounts of carbon monoxide can be formed.**Ventilate containers properly.**Information on fire and explosion protection:**No special measures necessary.**Storage class:*

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*12; Non-combustible liquids (TRGS 510)**Further Information:**Storage temperature: 5 - 60°C***7.3. Specific End Use(s)***Further information:**No information available.*

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**8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled***Parameters to be controlled (DE):**none known**Parameters to be controlled:**Derived No-Effect Level (DNEL):**Predicted No-Effect Concentration (PNEC):**Additional Information:***8.2. Exposure Controls***Technical protective measures:**No further measures, see Section 7.**Personal Protection**General protective measures:**Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.**Respiratory protection:**Not required.**Hand protection:**Chemical protective gloves (EN 374 (Europe), F739 (US)).**Protective glove material:**Recommended: Protective index 6, > 480 min. of permeation time accord. EN 374.**Nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm).**Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.**Eye protection:**Safety glasses with protective shields (EN 166).**Body protection:**Environmental precautions:*

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**9. Physical and Chemical Properties****9.1. Information on Basic Physical and Chemical Properties***Form:**liquid*

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|  |  |
|--|--|
| <i>Color:</i>                                      | <i>white</i>   |
| <i>Odor:</i>                                       | <i>weak</i>  |
| <i>Odor threshold:</i>                             | <i>no information available</i>                                |
| <i>pH-Value:</i>                                   | <i>3.5 - 4.7 (DIN ISO 976)</i>                                 |
| <i>Melting temperature:</i>                        | <i>0°C (H<sub>2</sub>O)</i>                                    |
| <i>Boiling temperature:</i>                        | <i>100°C (H<sub>2</sub>O)</i>                                  |
| <i>Flash point:</i>                                | <i>not applicable</i>  |
| <i>Evaporation rate:</i>                           | <i>No information available.</i>                               |
| <i>Flammability (solid, gas):</i>                  | <i>not flammable</i>   |
| <i>Upper explosion limit:</i>                      | <i>no information available</i>                                |
| <i>Lower explosion limit:</i>                      | <i>no information available</i>                                |
| <i>Vapor pressure:</i>                             | <i>23.4 hPa (20°C)</i>   |
| <i>Vapor density:</i>                              | <i>No information available.</i>                               |
| <i>Density:</i>                                    | <i>ca. 1.06 g/cm<sup>3</sup> (20°C)</i>                        |
| <i>Solubility in water:</i>                        | <i>partly soluble (15°C)</i>                                   |
| <i>Coefficient of variation (n-Octanol/Water):</i> | <i>not applicable</i>  |
| <i>Auto-ignition temperature:</i>                  | <i>Product is not auto-ignitable.</i>                          |
| <i>Decomposition temperature:</i>                  | <i>No decomposition if used according to specifications.</i>   |
| <i>Viscosity, dynamic:</i>                         | <i>45 - 100 mPa.s (23°C)<br/>15 - 35 mPa.s (23°C, 250 1/s)</i> |
| <i>Explosive properties:</i>                       | <i>Product does not present an explosion hazard.</i>           |
| <i>Oxidizing properties:</i>                       | <i>not oxidizing</i>   |
| <i>Bulk density:</i>                               | <i>not applicable</i>  |

### 9.2. Further Information

*Solubility in solvents:*

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*Viscosity, kinematic:**Burning class:**Solvent content:**Solid content:*

49 - 51 % (DIN EN ISO 3251)

*Particle size:**Other information:**Self-heating ability: This product is not self-heating.**Miscibility with water: miscible*

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**10. Stability and Reactivity****10.1. Reactivity***Stable if used according to specifications.***10.2. Chemical Stability***Stable if used according to specifications.***10.3. Possibility of Hazardous Reactions***None if handled and stored according to specifications.**Small amounts of carbon oxide can be formed when stored over longer period of time.***10.4. Conditions to Avoid***Conditions to avoid:**Avoid extreme temperatures.**Thermal decomposition:***10.5. Incompatible Materials***No information available.***10.6. Hazardous Decomposition Products***None if stored and handled according to specifications.***10.7. Further Information**

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**11. Toxicological Information****11.1. Information on Toxicological Effects***Acute Toxicity**Practically not toxic after a single oral exposure.**LD50, oral:*

&gt; 2000 - 10000 mg/kg (rat)

*LD50, dermal:**No information available.**LC50, inhalation:**No information available.**Primary effects**Irritant effect on skin:**Non irritating (rabbit; OECD 404)**Slight skin irritation possible when product dries on skin.**Irritant effect on eyes:*

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*Non-irritating to eyes (rabbit; OECD 405)*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No mutagenic effects known.*

*Reproductive toxicity:*

*No negative effects known.*

*Carcinogenicity:*

*No cancerogenic effect known.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*Single exposure: no organospecific toxicity expected.*

*Repeated exposure: No adverse effects were observed after repeated inhalative exposure in animal studies.*

*Additional toxicological information:*

*The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

**12. Ecological Information**

**12.1. Aquatic Toxicity**

*Not hazardous for aqueous organisms.*

*Controlled release of small amounts of product in biological sewage system do not cause disorders of the biodegradability of activated sludge.*

*Fish toxicity:*

*LC50: > 100 mg/l (96h, Danio rerio; OECD 203)*

*Daphnia toxicity:*

*EC50: > 100 mg/l (48h, Daphnia magna; OECD 202)*

*Bacteria toxicity:*

*EC20: > 100 mg/l (0.5h, active sludge; OECD 209)*

*Algae toxicity:*

*EC50: > 100 mg/l (72h, Scenedesmus subspicatus; OECD 201)*

**12.2. Persistency and Degradability**

*Can be eliminated from water by chemical adsorption.*

*Readily biodegradable (> 70 %, OECD 302B)*

**12.3. Bioaccumulation**

*Based on its structural properties, the polymer is not biologically available.*

*Accumulation in organisms is not to be expected.*

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**12. 4. Mobility***No information available.***12. 5. Results of PBT- und vPvP Assessment***This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.***12. 6. Other Adverse Effects***Water hazard class:**Do not let product contaminate ground water, waterways or sewage system.**Behaviour in sewage systems:**No impairment of the biodegradability of active sludge expected when small amounts are discharged in biological sewage plants.**Further ecological effects:**Do not release untreated into natural waters. At the present state of knowledge, no negative ecological affects are expected.**AOX Value:**No data available.*

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**13. Disposal Considerations****13. 1. Waste Treatment Methods***Product:**In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.**European Waste Code (EWC):**The waste code is determined according to the kind of waste and industry stated in the European Waste Catalogue.**Uncleaned packaging:**Waste Code No.:*

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**14. Transport Information****14. 1. UN Number***ADR, IMDG, IATA***14. 2. UN Proper Shipping Name***ADR/RID:**No hazardous goods according to ADR / DOT (US) (land transportation).**IMDG/IATA:**Not hazardous goods***14. 3. Transport Hazard Classes***ADR Class:**not applicable**Hazard no.:**Classification code:*

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*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14.4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*None*

### 14.6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

### 14.8. Further Information

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## 15. Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*1, slightly hazardous for water (according to the German Regulation AwSV)*

*Local regulations on chemical accidents:*

*Not listed.*

*Employment restrictions:*

*The employment restrictions for young workers in accordance with the Youth Employment Protection Law are to be observed.*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15.2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.*

### 15.3. Further Information

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## 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*