

# SAFETY DATA SHEET

## INTERCRYL 525 BASE DEEP

### Section 1. Chemical product and company identification

GHS product identifier : INTERCRYL 525 BASE DEEP  
 Product code : QZA100

#### Relevant identified uses of the substance or mixture and uses advised against

| Identified uses                               |        |
|---|--------|
| Professional application of coatings and inks |        |
| Uses advised against                          | Reason |
| All Other Uses                                |        |

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**Emergency telephone number (with hours of operation)** : +46 8 33 12 31

**National advisory body/ Poison Centre (For use only by licensed medical professionals.)** : +7 343 229 98 57

**e-mail address of person responsible for this SDS** : sdsfellinguk@akzonobel.com

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### Section 2. Hazards identification

**Classification of the substance or mixture** : SKIN SENSITIZATION - Category 1  
 TOXIC TO REPRODUCTION (Unborn child) - Category 2  
 ACUTE AQUATIC HAZARD - Category 2  
 LONG-TERM AQUATIC HAZARD - Category 3  
 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1%

#### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

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**Version** : 3.01

## Section 2. Hazards identification

- Hazard statements** : May cause an allergic skin reaction.  
Suspected of damaging the unborn child.  
Toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.
- Precautionary statements**
- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Avoid release to the environment. Avoid breathing vapour. Contaminated work clothing should not be allowed out of the workplace.
- Response** : IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Wear appropriate respirator when ventilation is inadequate.
- Other hazards which do not result in classification** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name   | % by weight | CAS number | Classification  |
|---|-------------|------------|---|
| trizinc bis(orthophosphate)   | ≤1.6        | 7779-90-0  | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| 2-(2-butoxyethoxy)ethanol   | ≤3          | 112-34-5   | Flam. Liq. 4, H227<br>Acute Tox. 5, H303<br>Acute Tox. 5, H313<br>Eye Irrit. 2A, H319   |
| 2-(2-methoxyethoxy)ethanol  | ≤3          | 111-77-3   | Flam. Liq. 4, H227<br>Eye Irrit. 2A, H319<br>Repr. 2, H361 (Unborn child)   |
| zinc oxide  | ≤0.84       | 1314-13-2  | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| sodium nitrite  | ≤0.1        | 7632-00-0  | Ox. Sol. 3, H272<br>Acute Tox. 3, H301<br>Eye Irrit. 2B, H320<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411   |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | <0.06       | 55965-84-9 | Acute Tox. 3, H301<br><br>Acute Tox. 3, H311<br>Acute Tox. 3, H331<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

## Section 3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

## Section 4. First aid measures

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Firefighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
sulfur oxides  
phosphorus oxides  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### Methods and material for containment and cleaning up

## Section 6. Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name           | Exposure limits   |
|---------------------------|---|
| 2-(2-butoxyethoxy)ethanol | РО МинЗдраСоц ПДК (Russian Federation, 9/2011).<br>CEIL: 10 mg/m <sup>3</sup> Form: Aerosol   |
| zinc oxide                | РО МинЗдраСоц ПДК (Russian Federation, 9/2011).<br>TWA: 0.5 mg/m <sup>3</sup> 8 hours. Form: Aerosol<br>CEIL: 1.5 mg/m <sup>3</sup> Form: Aerosol |
| sodium nitrite            | РО МинЗдраСоц ПДК (Russian Federation, 9/2011).<br>CEIL: 0.1 mg/m <sup>3</sup> Form: Aerosol  |

## Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

- Hand protection** : Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Colour** : Various
- Odour** : Ammonia.
- Odour threshold** : Not available.
- pH** : 8
- Melting point** : Not available.
- Boiling point** : Lowest known value: 100°C (212°F) (water).

## Section 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Flash point</b>                                  | : Closed cup: 101°C (213.8°F)                                      |
| <b>Evaporation rate</b>                             | : Not available.   |
| <b>Flammability (solid, gas)</b>                    | : Not available.   |
| <b>Lower and upper explosive (flammable) limits</b> | : Not available.   |
| <b>Vapour pressure</b>                              | : Not available.   |
| <b>Vapour density</b>                               | : Not available.   |
| <b>Relative density</b>                             | : 1.26   |
| <b>Solubility</b>                                   | : Soluble in the following materials: cold water.                  |
| <b>Partition coefficient: n-octanol/water</b>       | : Not available.   |
| <b>Auto-ignition temperature</b>                    | : Not available.   |
| <b>Decomposition temperature</b>                    | : Not available.   |
| <b>Viscosity</b>                                    | : Kinematic (room temperature): 1111 mm <sup>2</sup> /s (1111 cSt) |

## Section 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.           |
| <b>Chemical stability</b>                 | : The product is stable.   |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| <b>Conditions to avoid</b>                | : No specific data.  |
| <b>Incompatible materials</b>             | : No specific data.  |
| <b>Hazardous decomposition products</b>   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name  | Result      | Species | Dose       | Exposure |
|--|-------------|---------|------------|----------|
| 2-(2-butoxyethoxy)ethanol<br><br>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | LD50 Dermal | Rabbit  | 2700 mg/kg | -        |
|  | LD50 Oral   | Rat     | 4500 mg/kg | -        |
|  | LD50 Oral   | Rat     | 53 mg/kg   | -        |

#### Irritation/Corrosion

## Section 11. Toxicological information

| Product/ingredient name   | Result                   | Species | Score | Exposure                | Observation |
|---|--------------------------|---------|-------|-------------------------|-------------|
| 2-(2-butoxyethoxy)ethanol   | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 20 milligrams  | -           |
| 2-(2-methoxyethoxy)ethanol  | Eyes - Severe irritant   | Rabbit  | -     | 20 milligrams           | -           |
|   | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Eyes - Moderate irritant | Rabbit  | -     | 500 milligrams          | -           |
| zinc oxide  | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
|   | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| sodium nitrite  | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500 milligrams | -           |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Skin - Severe irritant   | Human   | -     | 0.01 Percent            | -           |

### Sensitisation

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on likely routes of exposure** : Not available.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : May cause an allergic skin reaction.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.



## Section 11. Toxicological information

- Inhalation** : Adverse symptoms may include the following:  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced foetal weight  
increase in foetal deaths  
skeletal malformations

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

- General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : Suspected of damaging the unborn child.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

| Route  | ATE value      |
|--------|----------------|
| Oral   | 415267.1 mg/kg |
| Dermal | 249160.2 mg/kg |

## Section 12. Ecological information

### Toxicity

## Section 12. Ecological information

| Product/ingredient name     | Result                               | Species  | Exposure |
|-----------------------------|--------------------------------------|--|----------|
| trizinc bis(orthophosphate) | Acute EC50 1.08 mg/l Fresh water     | Daphnia - Daphnia magna  | 48 hours |
|                             | Acute IC50 0.136 mg/l                | Algae - Selenastrum capricornutum  | 72 hours |
| 2-(2-butoxyethoxy)ethanol   | Acute LC50 0.09 mg/l Fresh water     | Fish - Oncorhynchus mykiss   | 96 hours |
|                             | Chronic NOEC 1.08 mg/l Fresh water   | Daphnia - Daphnia magna  | 48 hours |
| 2-(2-methoxyethoxy)ethanol  | Acute LC50 960 ppm Fresh water       | Fish - Oncorhynchus mykiss - Adult   | 25 days  |
|                             | Acute LC50 960 ppm Fresh water       | Fish - Lepomis macrochirus   | 96 hours |
| zinc oxide                  | Acute EC50 0.042 mg/l Fresh water    | Daphnia - Daphnia magna  | 48 hours |
|                             |                                      | Algae - Pseudokirchneriella subcapitata - Exponential growth phase         | 72 hours |
| sodium nitrite              | Acute EC50 1 mg/l Fresh water        | Daphnia - Daphnia magna - Neonate  | 48 hours |
|                             | Acute IC50 0.17 mg/l                 | Algae - Selenastrum capricornutum  | 72 hours |
| sodium nitrite              | Acute LC50 1.1 mg/l                  | Fish - Oncorhynchus Mykiss   | 96 hours |
|                             | Chronic NOEC 0.017 mg/l Fresh water  | Algae - Pseudokirchneriella subcapitata - Exponential growth phase         | 72 hours |
| sodium nitrite              | Acute EC50 159000 µg/l Marine water  | Algae - Tetraselmis chuii  | 72 hours |
|                             | Acute EC50 1600000 µg/l Marine water | Algae - Tetraselmis chuii  | 96 hours |
| sodium nitrite              | Acute LC50 1100 µg/l Fresh water     | Crustaceans - Cherax quadricarinatus                                       | 48 hours |
|                             | Acute LC50 48 µg/l Fresh water       | Fish - Ictalurus punctatus - Fingerling                                    | 96 hours |
| sodium nitrite              | Chronic NOEC 0.912 mg/l Marine water | Fish - Hippocampus abdominalis - Juvenile (Fledgling, Hatchling, Weanling) | 35 days  |

### Persistence and degradability

| Product/ingredient name     | Aquatic half-life | Photolysis | Biodegradability |
|-----------------------------|-------------------|------------|------------------|
| trizinc bis(orthophosphate) | -                 | -          | Not readily      |
| zinc oxide                  | -                 | -          | Not readily      |

### Bioaccumulative potential

| Product/ingredient name    | LogP <sub>ow</sub> | BCF   | Potential |
|----------------------------|--------------------|-------|-----------|
| 2-(2-butoxyethoxy)ethanol  | 1                  | -     | low       |
| 2-(2-methoxyethoxy)ethanol | -0.47              | -     | low       |
| zinc oxide                 | -                  | 60960 | high      |
| sodium nitrite             | -3.7               | -     | low       |

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                            | ADR/RID        | IMDG           | IATA   |
|----------------------------|----------------|----------------|--|
| UN number                  | Not regulated. | Not regulated. | Not regulated.   |
| UN proper shipping name    | -              | -              | -  |
| Transport hazard class(es) | -              | -              | -  |
| Packing group              | -              | -              | -  |
| Environmental hazards      | No.            | No.            | No.  |
| Additional information     | -              | -              | The environmentally hazardous substance mark may appear if required by other transportation regulations. |

**IMDG Code Segregation group** : Not applicable.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

**Safety, health and environmental regulations specific for the product** : No known specific national and/or regional regulations applicable to this product (including its ingredients).

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Section 15. Regulatory information

### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

**References** : STATE STANDARD OF RUSSIAN FEDERATION No. 19433-88 'Hazardous Cargo. Classification and Labelling'  
Labour Code of the Russian Federation No. 197-FZ of 30 December 2001

## Section 16. Other information

### Justification

| Classification                                    | Justification      |
|---|--------------------|
| SKIN SENSITIZATION - Category 1                   | Calculation method |
| TOXIC TO REPRODUCTION (Unborn child) - Category 2 | Calculation method |
| ACUTE AQUATIC HAZARD - Category 2                 | Calculation method |
| LONG-TERM AQUATIC HAZARD - Category 3             | Calculation method |

### History

**Date of printing** : 13/07/2017

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**Key to abbreviations** : ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
UN = United Nations

**References** : Not available.

✓ Indicates information that has changed from previously issued version.

### Notice to reader

**IMPORTANT NOTE:** the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

**MANUFACTURER'S DISCLAIMER:** the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer. Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out

## Section 16. Other information

of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

Unless we have agreed to the contrary, all products are supplied by us subject to our standard terms and conditions of business, which include limitations of liability. Please make sure to refer to these and / or the relevant agreement which you have with AkzoNobel (or its affiliate, as the case may be).

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