# **SAFETY DATA SHEET**



Date of issue 17 April 2024

Version 3.02

# Section 1. Product and company identification

| Product name                  |
|-------------------------------|
| Product code                  |
| Other means of identification |
| Product type                  |

- : SIGMAGLIDE 790 (TIECOAT) HARDENER
- : 000001010982

: 00188976; 00198089; 00231309; 00252617; 00353496; 00419105

: Liquid.

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

### **Identified uses**

Coating. Paints. Painting-related materials.

| Uses advised against | Reason |
|----------------------|--------|
| Not applicable.      |        |

| Supplier's details:        |  |
|----------------------------|--|
| Supplier                   | <ul> <li>PPG Industrial do Brasil – Tintas e Vernizes Ltda</li> <li>Via Anhanguera KM 106, Bairro Sao Judas Tadeu</li> <li>Sumare / SP, Brasil</li> <li>55 19 2103-6000 (Recepção e Portaria)</li> </ul> |
| Email address:             | : HazComLatam@ppg.com  |
| Emergency telephone number | :<br>0800 707 1767 / 0800 707 7022 – Empresa Suatrans Cotec<br>0800 14 8110 – CEATOX - Centro de Assistência Toxicológica  |

# Section 2. Hazards identification

| <b>Classification of the</b> | : ACUTE TOXICITY (oral) - Category 4   |
|------------------------------|--|
| substance or mixture         | ACUTE TOXICITY (dermal) - Category 5   |
|                              | SKIN CORROSION - Category 1B   |
|                              | SERIOUS EYE DAMAGE - Category 1  |
|                              | SKIN SENSITIZATION - Category 1  |
|                              | GERM CELL MUTAGENICITY - Category 2  |
|                              | TOXIC TO REPRODUCTION - Category 1B  |
|                              | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 2  |
|                              | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  |
|                              | AQUATIC HAZARD (ACUTE) - Category 2  |
|                              | AQUATIC HAZARD (LONG-TERM) - Category 2  |
| Target organs                | : Contains material which may cause damage to the following organs: blood, kidneys, liver, bladder, gastrointestinal tract, upper respiratory tract, immune system, skin, central nervous system (CNS), eye, lens or cornea. |

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| English (U | IS) E | Brazil |  |

| Code 000001010982<br>Product name SIGMAGLID         | Date of issue<br>E 790 (TIECOAT) HARDENER   | 17 April 2024   | Version   | 3.02  |
|---|---|---|---|---|
| Section 2. Hazards                                  | s identification  |   |   |   |
|   | Percentage of the mixture co<br>3.1%  | nsisting of ingredient(s) of u  | nknown acute o  | ral toxicity:   |
|   | Percentage of the mixture co toxicity: 96.6%  | nsisting of ingredient(s) of u  | nknown acute d  | ermal   |
|   | Percentage of the mixture co aquatic environment: 96.6%   | nsisting of ingredient(s) of u  | nknown hazards  | to the  |
| GHS label elements                                  |   |   |   |   |
| Hazard pictograms                                   |   |   |   |   |
| Signal word   | : Danger  |   |   |   |
| Hazard statements                                   | : Harmful if swallowed.<br>May be harmful in contact wit<br>Causes severe skin burns an<br>May cause an allergic skin re<br>Suspected of causing genetic<br>May damage fertility or the ur<br>May cause damage to organs<br>May cause damage to organs<br>system)<br>Toxic to aquatic life with long                              | d eye damage.<br>action.<br>c defects.<br>born child.<br>s. (thymus)<br>s through prolonged or repea  | ated exposure. (  | immune  |
| Precautionary statements                            |   | -   |   |   |
| Prevention  | : Obtain special instructions be<br>and eye or face protection. A<br>Do not eat, drink or smoke w   | void release to the environ   | nent. Do not bre  | eathe vapo  |
| Response  | : Collect spillage. IF exposed<br>INHALED: Immediately call a<br>Immediately call a POISON C<br>vomiting. IF ON SKIN (or hai<br>Rinse skin with water. Immediately contaminated clothing before<br>doctor if you feel unwell. Wa<br>Get medical advice or attention<br>minutes. Remove contact len<br>Immediately call a POISON C | POISON CENTER or doctor<br>CENTER or doctor. Rinse m<br>r): Take off immediately all d<br>diately call a POISON CENT<br>reuse. IF ON SKIN: Call a<br>sh with plenty of water. If sk<br>on. IF IN EYES: Rinse cauti<br>ses, if present and easy to o | or. IF SWALLON<br>nouth. Do NOT in<br>contaminated clo<br>FER or doctor. N<br>POISON CENTI<br>kin irritation or ra<br>lously with water | WED:<br>nduce<br>othing.<br>Vash<br>ER or<br>sh occurs:<br>for severa |
| Storage   | : Not applicable.   |   |   |   |
| Disposal  | : Dispose of contents and cont<br>and international regulations.  | ainer in accordance with all  | local, regional, r  | national  |
| Other hazards which do not result in classification | : Causes digestive tract burns.   |   |   |   |

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# Section 3. Composition/information on ingredients

### Substance/mixture Other means of identification

- : Mixture
- : 00188976; 00198089; 00231309; 00252617; 00353496; 00419105

### **CAS number/other identifiers**

| <b>CAS number</b> : Not applicable.   |                              |  |
|---|------------------------------|--|
| Ingredient name   | %                            | CAS number                             |
| triacetoxyethylsilane<br>dibutyltin di(acetate)<br>1,1,3,3-Disiloxanetetrol, 1,3-diethyl-, tetraacetate | 60 - 100<br>3 - <5<br>2 - <3 | 17689-77-9<br>1067-33-0<br>122842-90-4 |

There are no additional 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.

SUB codes represent substances without registered CAS Numbers.

# Section 4. First aid measures

### Description of necessary first aid measures

| Eye contact                               | :  | Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.   |
|---|----|---|
| Inhalation                                | :  | Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.  |
| Skin contact                              | 1  | Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.  |
| Ingestion                                 | :  | If swallowed, seek medical advice immediately and show this container or label.<br>Keep person warm and at rest. Do NOT induce vomiting.  |
| Indication of immediate medi              | ca | l attention and special treatment needed, if necessary  |
| Notes to physician<br>Specific treatments |    | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.  |
| Protection of first-aiders                | :  | No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. |
| Potential acute health effects            |    |   |
| Eye contact                               | 1  | Causes serious eye damage.  |
| Inhalation                                | 1  | No known significant effects or critical hazards.   |
| Skin contact                              | :  | Causes severe burns. May be harmful in contact with skin. May cause damage to organs following a single exposure in contact with skin. May cause an allergic skin reaction.   |
| Ingestion                                 | :  | Harmful if swallowed. Corrosive to the digestive tract. Causes burns. May cause damage to organs following a single exposure if swallowed.  |

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Section 4. First aid measures

See toxicological information (Section 11)

# Section 5. Fire-fighting 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.<br>This material is toxic to aquatic life with long lasting effects. Fire water<br>contaminated with this material must be contained and prevented from being<br>discharged to any waterway, sewer or drain. |
| Hazardous thermal decomposition products       | : Decomposition products may include the following materials:<br>carbon oxides<br>metal oxide/oxides   |
| Special protective actions for fire-fighters   | <ul> <li>Promptly isolate the scene by removing all persons from the vicinity of the incident if<br/>there is a fire. No action shall be taken involving any personal risk or without<br/>suitable training.</li> </ul>  |
| Special protective equipment for fire-fighters | <ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained<br/>breathing apparatus (SCBA) with a full face-piece operated in positive pressure<br/>mode.</li> </ul>  |

# Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

| For non-emergency<br>personnel | : No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilled material. Do not breathe vapor or<br>mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment. |
|--------------------------------|---|
| For emergency responders       | : If specialized 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 spilled material and runoff and contact with soil, waterways,<br>drains and sewers. Inform the relevant authorities if the product has caused<br>environmental pollution (sewers, waterways, soil or air). Water polluting material.<br>May be harmful to the environment if released in large quantities. Collect spillage.   |
| Methods and materials for co   | ntainment and cleaning up   |
| Small snill                    | Stop look if without risk. Move containers from spill area. Dilute with water and   |

 

 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.

# Section 6. Accidental release measures Large spill : Stop leak if without risk. Move containers from spill area. Approach 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 spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

| Precautions for safe<br>handling                                   | : | 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 breathe vapor or mist. Do not ingest. 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. |
|--|---|--|
| Conditions for safe storage,<br>including any<br>incompatibilities | : | Store between the following temperatures: 0 to 35°C (32 to 95°F). 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.  |

# Section 8. Exposure controls/personal protection

### Control parameters

### **Occupational exposure limits**

| Ingredient name                   |  | Exposure limits  |  |
|-----------------------------------|--|--|--|
| dībutyltin di(acetate)            |  | ACGIH TLV (United States, 1/2023). [Tin,<br>organic compounds as Sn] Absorbed<br>through skin.<br>STEL: 0.2 mg/m <sup>3</sup> , (as Sn) 15 minutes.<br>TWA: 0.1 mg/m <sup>3</sup> , (as Sn) 8 hours. |  |
| Recommended monitoring procedures | Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.  |  |  |
| Appropriate engineering controls  | : If user operations generate dust, fumes, gas, vapor 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. |  |  |

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|                                | GMAGLIDE 790 (TIECOAT) HARDENER   |
|--------------------------------|---|
| Section 8. Ex                  | oosure controls/personal protection   |
| Environmental expo<br>controls | <ul> <li>Emissions from ventilation or work process equipment should be checked to ensure<br/>they comply with the requirements of environmental protection legislation. In some<br/>cases, fume scrubbers, filters or engineering modifications to the process<br/>equipment will be necessary to reduce emissions to acceptable levels.</li> </ul>  |
| Individual protection          | measures  |
| Hygiene measures               | : Wash hands, forearms and face thoroughly after handling chemical products,<br>before eating, smoking and using the lavatory and at the end of the working period.<br>Appropriate techniques should be used to remove potentially contaminated clothing.<br>Contaminated work clothing should not be allowed out of the workplace. Wash<br>contaminated clothing before reusing. Ensure that eyewash stations and safety<br>showers are close to the workstation location.   |
| Eye protection                 | : Chemical splash goggles and face shield.  |
| Skin protection                |   |
| Hand protection                | : Chemical-resistant, impervious gloves complying with an approved standard should<br>be worn at all times when handling chemical products if a risk assessment indicates<br>this is necessary. Considering the parameters specified by the glove manufacturer,<br>check during use that the gloves are still retaining their protective properties. It<br>should be noted that the time to breakthrough for any glove material may be<br>different for different glove manufacturers. In the case of mixtures, consisting of<br>several substances, the protection time of the gloves cannot be accurately<br>estimated. |
| Gloves                         | : nitrile neoprene  |
| Body protection                | <ul> <li>Personal protective equipment for the body should be selected based on the task<br/>being performed and the risks involved and should be approved by a specialist<br/>before handling this product.</li> </ul>   |
| Other skin protecti            | <ul> <li>Appropriate footwear and any additional skin protection measures should be<br/>selected based on the task being performed and the risks involved and should be<br/>approved by a specialist before handling this product.</li> </ul>   |
| Respiratory protecti           | <ul> <li>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. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.</li> </ul>  |

# Section 9. Physical and chemical properties

| Appearance                                   |                               |
|--|-------------------------------|
| Physical state                               | : Liquid.                     |
| Color  | : Colorless.                  |
| Odor   | : Characteristic.             |
| рН   | : Not applicable.             |
| Melting point                                | : Not available.              |
| Boiling point                                | : >37.78°C (>100°F)           |
| Flash point                                  | : Closed cup: 109°C (228.2°F) |
| Evaporation rate                             | : Not available.              |
| Flammability (solid, gas)                    | : Not available.              |
| Lower and upper explosive (flammable) limits | : Not available.              |

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# Section 9. Physical and chemical properties

| _  |   |                          |                       |
|--|---|--------------------------|-----------------------|
| Vapor pressure                             | 1 | Not available.           |                       |
| Vapor density                              | : | Not available.           |                       |
| Relative density                           | : | 1.15                     |                       |
| Bulk density (g/cm³)                       | : | 1.18                     |                       |
| Solubility/ios)                            |   | Media                    | Result                |
| Solubility(ies)                            | 1 | cold water               | Not soluble           |
| Partition coefficient: n-<br>octanol/water | : | Not applicable.          |                       |
| Auto-ignition temperature                  | : | 480°C (896°F)            |                       |
| Decomposition temperature                  | : | Not available.           |                       |
| Viscosity                                  | : | Kinematic (40°C (104°F)) | : >21 mm²/s (>21 cSt) |

# Section 10. Stability and reactivity

| Reactivity                         | : No specific test data related to reactivity available for this product or its ingredients.                                     |
|------------------------------------|--|
| Chemical stability                 | : The product is stable.   |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.  |
| Conditions to avoid                | : When exposed to high temperatures may produce hazardous decomposition products.  |
| Incompatible materials             | : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids. |
| Hazardous decomposition products   | : Depending on conditions, decomposition products may include the following materials: carbon oxides metal oxide/oxides          |

# Section 11. Toxicological information

## Information on toxicological effects

| Acute toxicity  |  |                  |                          |          |
|---|--|------------------|--------------------------|----------|
| Product/ingredient name                                       | Result   | Species          | Dose                     | Exposure |
| macetoxyethylsilane<br>dibutyltin di(acetate)                 | LD50 Oral<br>LD50 Dermal                                       | Rat<br>Rabbit    | 1.462 g/kg<br>2318 mg/kg | -        |
| Conclusion/Summary<br>Irritation/Corrosion<br>Not available.  | : There are no data available                                  | on the mixture i | tself.                   |          |
| <u>Conclusion/Summary</u><br>Skin                             | : There are no data available                                  | on the mixture i | tself.                   |          |
| Eyes<br>Respiratory<br><u>Sensitization</u><br>Not available. | : There are no data available<br>: There are no data available |                  |                          |          |

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# Section 11. Toxicological information

| Conclusion/Summary                                      |   |
|---|---|
| Skin  | : There are no data available on the mixture itself.  |
| Respiratory   | : There are no data available on the mixture itself.  |
| <u>Mutagenicity</u>                                     |   |
| Not available.  |   |
| Conclusion/Summary<br>Carcinogenicity<br>Not available. | : There are no data available on the mixture itself.  |
| Conclusion/Summary                                      | : There are no data available on the mixture itself.  |
| Reproductive toxicity                                   |   |
| Not available.  |   |
| Conclusion/Summary                                      | : There are no data available on the mixture itself.  |
| Teratogenicity  |   |
| Not available.  |   |
|   |   |
|   | The second se |

### **Conclusion/Summary** : There are no data available on the mixture itself.

### Specific target organ toxicity (single exposure)

| Name                   |            | Route of<br>exposure | Target organs |
|------------------------|------------|----------------------|---------------|
| dibutyltin di(acetate) | Category 1 | oral                 | thymus        |

### Specific target organ toxicity (repeated exposure)

| Name                   |            | Route of<br>exposure | Target organs |
|------------------------|------------|----------------------|---------------|
| dibutyltin di(acetate) | Category 1 | -                    | immune system |

### **Target organs**

: Contains material which may cause damage to the following organs: blood, kidneys, liver, bladder, gastrointestinal tract, upper respiratory tract, immune system, skin, central nervous system (CNS), eye, lens or cornea.

### Aspiration hazard

Not available.

| Information on the likely routes of exposure <u>Potential acute health effects</u> |   | Not available.  |
|--|---|---|
| Eye contact  | ÷ | Causes serious eye damage.  |
| Inhalation   | ÷ | No known significant effects or critical hazards.   |
| Skin contact   | : | Causes severe burns. May be harmful in contact with skin. May cause damage to organs following a single exposure in contact with skin. May cause an allergic skin reaction. |
| Ingestion  | : | Harmful if swallowed. Corrosive to the digestive tract. Causes burns. May cause damage to organs following a single exposure if swallowed.                                  |

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| Section 11. To        | oxicological information   |
|-----------------------|--|
| Symptoms related to t | he physical, chemical and toxicological characteristics  |
| Eye contact           | : Adverse symptoms may include the following:<br>pain<br>watering<br>redness   |
| Inhalation            | <ul> <li>Adverse symptoms may include the following:<br/>reduced fetal weight<br/>increase in fetal deaths<br/>skeletal malformations</li> </ul>                                     |
| Skin contact          | : Adverse symptoms may include the following:<br>pain or irritation<br>redness<br>blistering may occur<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations |
| Ingestion             | <ul> <li>Adverse symptoms may include the following:<br/>stomach pains<br/>reduced fetal weight<br/>increase in fetal deaths<br/>skeletal malformations</li> </ul>                   |

### Delayed and immediate effects and also chronic effects from short and long term exposure

| Conclusion/Summary             | :          | There are no data available on the mixture itself. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. |
|--------------------------------|------------|--|
| Short term exposure            |            |  |
| Potential immediate<br>effects | 1          | There are no data available on the mixture itself.   |
| Potential delayed effects      | :          | There are no data available on the mixture itself.   |
| <u>Long term exposure</u>      |            |  |
| Potential immediate<br>effects | 1          | There are no data available on the mixture itself.   |
| Potential delayed effects      | 1          | There are no data available on the mixture itself.   |
| Potential chronic health eff   | <u>ect</u> | <u>s</u>   |
| Not available.                 |            |  |
| General                        | :          | May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.   |
| Carcinogenicity                | 1          | No known significant effects or critical hazards.  |
| Mutagenicity                   | :          | Suspected of causing genetic defects.  |
|                                |            |  |

**Reproductive toxicity** : May damage fertility or the unborn child.

### Numerical measures of toxicity

Acute toxicity estimates

| Code        | 000001010982           | Date of issue   | 17 April 2024 | Version | 3.02 |
|-------------|------------------------|-----------------|---------------|---------|------|
| Product nam | 1e SIGMAGLIDE 790 (TIE | ECOAT) HARDENER |               |         |      |

# Section 11. Toxicological information

| Product/ingredient name  | Oral (mg/<br>kg)             | Dermal<br>(mg/kg)            | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapors)<br>(mg/l) | Inhalation<br>(dusts<br>and mists) |
|--|------------------------------|------------------------------|--------------------------------|----------------------------------|------------------------------------|
| SIGMAGLIDE 790 (TIECOAT) HARDENER<br>triacetoxyethylsilane<br>dibutyltin di(acetate)<br>1,1,3,3-Disiloxanetetrol, 1,3-diethyl-, tetraacetate | 1444.2<br>1462<br>N/A<br>500 | 2586.3<br>N/A<br>2318<br>N/A | N/A<br>N/A<br>N/A<br>N/A       | N/A<br>N/A<br>N/A<br>N/A         | (mg/l)<br>N/A<br>N/A<br>N/A<br>N/A |

### **Other information**

: Not available.

# Section 12. Ecological information

### **Ecotoxicity**

| Product/ingredient name | Result              | Species | Exposure |
|-------------------------|---------------------|---------|----------|
| dibutyltin di(acetate)  | Acute EC10 3.1 mg/l | Fish    | 72 hours |
|                         | Acute EC50 0.5 mg/l | Algae   | 72 hours |

### Persistence/degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| díbutyltin di(acetate)  | -                 | -          | Not readily      |

### **Bioaccumulative potential**

Not available.

| <u>Mobility in soil</u> |                  |
|-------------------------|------------------|
| Soil/water partition    | : Not available. |
| coefficient (Koc)       |                  |

Other adverse effects

: No known significant effects or critical hazards.

# Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized 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 nonrecyclable 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

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# Section 14. Transport information

|                             | Brazil (ANTT)  | IMDG                     | ΙΑΤΑ   |
|-----------------------------|--|--------------------------|--|
| UN number                   | UN3066   | UN3066                   | UN3066   |
| UN proper<br>shipping name  | PAINT  | PAINT                    | PAINT  |
| Transport hazard class(es)  | 8  | 8                        | 8  |
| Packing group               | II   | II                       | Π  |
| Environmental<br>hazards    | Yes. The environmentally<br>hazardous substance mark is<br>not required. | Yes.                     | Yes. The environmentally<br>hazardous substance mark is<br>not required. |
| Marine pollutant substances | Not applicable.  | (dibutyltin di(acetate)) | Not applicable.  |

### Additional information

| Brazil             | : None identified.   |
|--------------------|--|
| <b>Risk number</b> | : 80   |
| IMDG               | : The marine pollutant mark is not required when transported in sizes of $\leq$ 5 L or $\leq$ 5 kg.        |
| ΙΑΤΑ               | : The environmentally hazardous substance mark may appear if required by other transportation regulations. |

**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.

Transport in bulk according : Not applicable. to IMO instruments

# 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).

# Section 16. Other information

### **History**

| Date of previous issue | : 11/29/2023 |
|------------------------|--------------|
| Version                | : 3.02       |
| Prepared by            | : EHS        |

| English (US) |
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|-------------|---------------------------------|---------------|---------------|---------|------|
| Product nam | ne SIGMAGLIDE 790 (TIECOAT) HAR | DENER         |               |         |      |

# Section 16. Other information

| Key to abbreviations | : ADN = European Provisions concerning the International Carriage of Dangerous<br>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   |
|                      | 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<br>by Rail                  |
|                      | UN = United Nations  |
| References           | : ABNT NBR 14725-4: 2014<br>ANTT - National Land Transportation Agency                                     |
|                      |  |

Indicates information that has changed from previously issued version.

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