

SAFETY DATA SHEET



Jotun Super Durable 2903 (E028)

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

| 1.1 Product identifier | |
|----------------------------------|-----------------------------------|
| Product name | : Jotun Super Durable 2903 (E028) |
| Product code | : 50190 |
| Product type | : Powder coating. |
| Other means of identification | : Not available. |

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

Use in coatings - Industrial use

1.3 Details of the supplier of the safety data sheet

JOTUN BOYA SAN. VE TİC. A.Ş. Çerkezköy Organize Sanayi Şubesi G.O.P MAHALLESI ULUSOY CAD. NO. 8 CERKEZKOY 59500 TEKIRDAG TURKEY

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1.4 Emergency telephone number

National Poison Information Center

+90 224 442 82 93 Uludağ Üniversitesi Zehir Danışma Merkezi (www.uludag.edu.tr/uludag/zehir.html) a. ACİL DURUM TELEFONU: Zehirlenme durumlarında gerektiğinde ulusal zehir merkezinin (UZEM) 114 nolu telefonunu arayınız. b. ACİL İLK YARDIM MERKEZİ:112 c. İTFAİYE:110

SECTION 2: Hazards identification

| 2.1 Classification of the subs | tance or mixture |
|---|--|
| Product definition | : Mixture |
| Classification according to Aquatic Chronic 3, H412 | egulation SEA: RG10/12/2020-31330 |
| The product is classified as ha | zardous according to Regulation SEA: RG10/12/2020-31330. |
| See Section 16 for the full tex | of the H statements declared above. |
| See Section 11 for more deta | led information on health effects and symptoms. |
| 2.2 Label elements | |
| Signal word | : No signal word. |
| Hazard statements | : H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements | |
| General | : Not applicable. |
| Prevention | : P273 - Avoid release to the environment. |
| Response | : Not applicable. |
| Storage | : Not applicable. |
| Disposal | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Supplemental label elements | : Contains zinc di(benzothiazol-2-yl) disulphide. May produce an allergic reaction. |
| Annex 17 - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : Not applicable. |
| Special packaging requirem | ents |
| Containers to be fitted with child-resistant fastenings | : Not applicable. |
| Tactile warning of danger | : Not applicable. |
| 2.3 Other hazards | |
| Product meets the criteria for PBT or vPvB | : This mixture does not contain any substances that are assessed to be a PBT or a vPvB. |
| Other hazards which do not result in classification | : None known. |

SECTION 3: Composition/information on ingredients

| 3.2 Mixtures | : Mixture | | | |
|---|----------------------------------|-------------------|--|----------|
| Product/ingredient name | Identifiers | % | SEA: RG10/12/2020-31330 | Туре |
| titanium dioxide | EC: 236-675-5 CAS: 13463-67-7 | ≥10 - ≤25 | Not classified. | [2] |
| 3,9-bis(2,4-di-tert- butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5] undecane | EC: 247-952-5 CAS: 26741-53-7 | ≤1 | Aquatic Chronic 1, H410 (M=1) | [1] |
| zinc di(benzothiazol-2-yl) disulphide | EC: 205-840-3 CAS: 155-04-4 | ≤0.3 | Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | [1] |
| Date of revision | : 22.02.2024 | riginal preparati | on date : 02.01.2024 Version | :1.01 2/ |

SECTION 3: Composition/information on ingredients

| • | 5 | |
|---|------|---|
| | | e Section 16 for the full text of the H |
| | stat | tements declared above. |

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, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

SECTION 4: First aid measures

| 4.1 Description of first aid n | neasures |
|--------------------------------|--|
| Eye contact | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| Skin contact | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| Ingestion | : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. |

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

| SECTION 5: Firefi | ghting measures |
|-------------------------------|--|
| Specific treatments | : No specific treatment. |
| Notes to physician | : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| 4.3 Indication of any imm | ediate medical attention and special treatment needed |
| Ingestion | : No specific data. |
| Skin contact | : No specific data. |
| Inhalation | : No specific data. |
| Eye contact | : No specific data. |
| <u>Over-exposure signs/sy</u> | r <u>mptoms</u> |
| Ingestion | : No known significant effects or critical hazards. |
| Skin contact | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Eye contact | : No known significant effects or critical hazards. |
| i otentiai acute nealtir e | |

| 5.1 Extinguishing media | |
|--------------------------------|---|
| Suitable extinguishing media | : Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | : None known. |

5.2 Special hazards arising from the substance or mixture

SECTION 5: Firefighting measures

| 0 | 5 |
|---|---|
| Hazards from the substance or mixture | : 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. |
| | Fine dust clouds may form explosive mixtures with air. |
| Hazardous thermal decomposition products | : Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides |
| 5.3 Advice for firefighters | |
| 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| OFOTION C. Assidam | |

SECTION 6: Accidental release measures

| 6.1 Personal precautions, pro | te | ctive 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. 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". | |
| 6.2 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. | |
| 6.3 Methods and material for containment and cleaning up | | | |
| Small spill | : | Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. | |
| Large spill | : | Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. | |
| 6.4 Reference to other sections | : | See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information. | |

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

| Avoid o in the o kept tig | appropriate personal protective equipment (see Section 8). Do not ingest. contact with eyes, skin and clothing. Avoid release to the environment. Keep original container or an approved alternative made from a compatible material, phtly closed when not in use. Empty containers retain product residue and hazardous. Do not reuse container. |
|---------------------------------|--|
|---------------------------------|--|

SECTION 7: Handling and storage

| Advice on general | : Eating, drinking and smoking should be prohibited in areas where this material is |
|----------------------|---|
| occupational hygiene | 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. |

7.2 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. 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. See Section 10 for incompatible materials before handling or use.

See Technical Data Sheet / packaging for further information.

| 7.3 Specific end use(s) | |
|--------------------------------------|-----------------|
| Recommendations | : Not available |
| Industrial sector specific solutions | : Not available |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Dust Limit : 10 mg/m³ (TWA of total inhalable dust) and 4 mg/m³ (TWA of respirable)

Occupational exposure limits

| Product/ingredient name | Exposure limit values |
|-------------------------|--|
| titanium dioxide | EU OEL (Europe). TWA: 5 mg/m³ 8 hours. |

Biological exposure indices

No exposure indices known.

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

| Product/ingredient name | Туре | Exposure | Value | Population | Effects |
|---|--------|---------------------------|------------------------|-----------------------|------------------|
| titanium dioxide | DNEL | Long term Inhalation | 28 µg/m³ | General population | Local |
| | DNEL | Long term Inhalation | 170 µg/m³ | Workers | Local |
| 3,9-bis(2,4-di-tert-butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5]undecane | DNEL | Long term Oral | 0.39 mg/ kg bw/day | General population | Systemic |
| | DNEL | Long term Dermal | 0.39 mg/ kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 0.68 mg/m ³ | General population | Systemic |
| | DNEL | Long term Dermal | 0.78 mg/ kg bw/day | Workers | Systemic |
| | DNEL | Long term Inhalation | 2.75 mg/m ³ | Workers | Systemic |
| zinc di(benzothiazol-2-yl) disulphide | DNEL | Long term Oral | 0.6 mg/kg | General | Systemic |
| te of revision : 22.0 | 2.2024 | Original preparation date | : 02.01.2 | 024 Ve | rsion : 1.01 5/3 |

SECTION 8: Exposure controls/personal protection

| bechow of exposure contro | 19/h | ersonal prote | Clion | | |
|---------------------------|------|-------------------------|-----------------------|--------------------|----------|
| | | | bw/day | population | |
| Di | NEL | Long term Inhalation | 1 mg/m³ | General population | Systemic |
| Di | NEL | Long term Dermal | 1.2 mg/kg bw/day | General population | Systemic |
| Di | NEL | Long term Dermal | 3.3 mg/kg bw/day | Workers | Systemic |
| D | NEL | Long term Inhalation | 5.9 mg/m ³ | Workers | Systemic |

PNECs

No PNECs available

| 8.2 Exposure controls | |
|----------------------------------|--|
| Appropriate engineering controls | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
| Individual protection meas | sures |
| 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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection | : Safety eyewear complying to ISO 16321-1:2022 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 | There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. Wear suitable gloves tested to ISO 374-1:2016. Recommended, gloves(breakthrough time) > 8 hours: nitrile rubber (> 0.75 mm), neoprene (> 0.35 mm), PVC (> 0.5 mm) |
| | For right choice of glove materials, with focus on chemical resistance and time of penetration, seek advice by the supplier of chemical resistant gloves. 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. |
| 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. |

SECTION 8: Exposure controls/personal protection

| Respiratory protection | : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. |
|---------------------------------|---|
| 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. |

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

| Appearance | | | | | |
|--|----------------------|--|--|--|--|
| Physical state | : | Solid. Powder. | | | |
| Colour | : | Various | | | |
| Odour | : | Odourless. | | | |
| Odour threshold | : | Not applicable. | | | |
| Melting point (dust) | : | 85 - 115 °C | | | |
| Initial boiling point and boiling range | : | Not applicable. | | | |
| Flammability (solid, gas) | : | Fine dust clouds may form explosive mixtures with air. | | | |
| Lower explosion limit (dust) | : | 30 g/m ³ | | | |
| Minimum ignition energy (mJ) | : 10 - 30 (EN 13821) | | | | |
| Flash point | : | | | | |
| | | Not applicable. | | | |
| Auto-ignition temperature | : | > 400°C | | | |
| Decomposition temperature | : | 230°C | | | |
| рН | : | Not applicable. | | | |
| Viscosity | : | Not applicable. | | | |
| Solubility(ies) | 1 | | | | |
| Media | | Result | | | |
| cold water hot water | | Not soluble Not soluble | | | |
| Partition coefficient: n-octanol/ water | : | Not applicable. | | | |
| Vapour pressure | : Not applicable. | | | | |
| | Not applicable. | | | | |
| Density | 1 | : 1.2 to 1.9 g/cm ³ | | | |

| | not applicable. |
|--------------------------|--------------------------------|
| Density | : 1.2 to 1.9 g/cm ² |
| Vapour density | : Not applicable. |
| Explosive properties | : Not available. |
| Oxidising properties | : Not available. |
| Particle characteristics | |
| Median particle size | : Not available. |

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

| 10.1 Reactivity | : Fine dust clouds may form explosive mixtures with air. |
|--|---|
| 10.2 Chemical stability | : The product is stable. |
| 10.3 Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur. |
| 10.4 Conditions to avoid | : Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). |
| | Take precautionary measures against electrostatic discharges. |
| | To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. |
| | Prevent dust accumulation. |
| 10.5 Incompatible materials | : No specific data. |
| 10.6 Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|----------------|---------|-----------|----------|
| zinc di(benzothiazol-2-yl) disulphide | LD50 Oral | Rat | 540 mg/kg | - |
| Conclusion/Summary | Not available. | · | | |

Acute toxicity estimates

N/A

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|--|-----------------|-------|-----------------------|-------------|
| titanium dioxide 3,9-bis(2,4-di-tert- butylphenoxy) -2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5] undecane | Skin - Mild irritant Skin - Severe irritant | Human Rabbit | | 72 hours 0.5 Grams | - |

Conclusion/Summary : Not available.

Sensitisation

| Product/ingredient name | Route of exposure | Species | Result |
|--|--------------------------|---------------------------------|-------------|
| zinc di(benzothiazol-2-yl) disulphide | skin | Mammal - species unspecified | Sensitising |
| Conclusion/Summary | : Not available. | | |
| Mutagenicity | | | |
| Conclusion/Summary | : Not available. | | |
| Carcinogenicity | | | |
| Conclusion/Summary | : Not available. | | |
| Reproductive toxicity | | | |
| Conclusion/Summary | : Not available. | | |
| Teratogenicity | | | |
| Conclusion/Summary | : Not available. | | |
| Specific target organ toxicit | <u>y (single exposur</u> | <u>e)</u> | |
| Not available. | | | |
| Specific target organ toxicit | <u>y (repeated expos</u> | sure) | |

Date of revision

SECTION 11: Toxicological information

.....

Not available.

Aspiration hazard

121-24

Not available.

| 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 | ÷ | No known significant effects or critical hazards. |
| Ingestion | : | No known significant effects or critical hazards. |
| | | |

Symptoms related to the physical, chemical and toxicological characteristics

| Eye contact | : No specific data. |
|--------------|---------------------|
| Inhalation | : No specific data. |
| Skin contact | : No specific data. |
| Ingestion | : No specific data. |

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. |
| <u>Long term exposure</u> | |
| Potential immediate effects | : Not available. |
| Potential delayed effects | : Not available. |
| Potential chronic health effe | <u>ects</u> |
| Not available. | |
| Conclusion/Summary | : Not available. |
| General | : No known significant effects or critical hazards. |
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Reproductive toxicity | : No known significant effects or critical hazards. |

Other information

: Not available.

SECTION 12: Ecological information

| Product/ingredient name | Result | Species | Exposure |
|---|--|---|----------|
| itanium dioxide | Acute LC50 3 mg/l Fresh water | Crustaceans - Ceriodaphnia dubia - Neonate | 48 hours |
| | Acute LC50 6.5 mg/l Fresh water | Daphnia - Daphnia pulex - Neonate | 48 hours |
| | Acute LC50 >1000000 μg/l Marine water | Fish - Fundulus heteroclitus | 96 hours |
| 3,9-bis(2,4-di-tert- butylphenoxy) ·2,4,8,10-tetraoxa- 3,9-diphosphaspiro[5.5] undecane | Acute EC10 15.4 mg/l | Algae | 72 hours |

SECTION 12: Ecological information

| | giourimetion | | |
|--|-------------------------|---------|----------|
| | Acute EC50 97 mg/l | Algae | 72 hours |
| | Acute LC50 70.7 mg/l | Fish | 96 hours |
| | Chronic NOEC 0.1 mg/l | Daphnia | 21 days |
| zinc di(benzothiazol-2-yl) disulphide | Acute EC50 0.71 mg/l | Daphnia | 48 hours |
| | Acute LC50 0.73 mg/l | Fish | 96 hours |
| | Chronic NOEC 0.041 mg/l | Fish | 89 days |

Conclusion/Summary : This material is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|--|--------------------|-----|-----------|
| zinc di(benzothiazol-2-yl) disulphide | 5.02 | <8 | low |

| 12.4 Mobility in soil | |
|---|------------------|
| Soil/water partition coefficient (Koc) | : Not available. |
| Mobility | : Not available. |

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

| 13.1 Waste treatment meth | iods |
|---------------------------|--|
| Product | |
| Methods of disposal | : 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. |
| Hazardous waste | : Yes. |
| <u>Waste list</u> | |
| Marcha and a | |
| Waste code | Waste code definition |
| 08 01 11* | Waste code definition Waste paint and varnish containing organic solvents or other dangerous substances |
| | |
| 08 01 11* | |

Date of revision

SECTION 14. Transport information

| | ADR/RID | ADN | IMDG | IATA |
|------------------------------------|----------------|----------------|----------------|----------------|
| 14.1 UN number | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper shipping name | - | - | - | - |
| 14.3 Transport hazard class(es) | - | - | - | - |
| 14.4 Packing group | - | - | - | - |
| 14.5 Environmental hazards | No. | No. | No. | No. |

user

14.6 Special precautions for : 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.

14.7 Transport in bulk : Not available. according to IMO instruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Turkey Regulation No. 30105, KKDIK

Annex 14 - List of substances subject to authorization

Annex 14

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex 17 - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Ozone depleting substances

Not listed.

Regulation on the prevention of major industrial accidents and reduction of their effects

This product is not controlled under the Regulation on the prevention of major industrial accidents and reduction of their effects.

EU regulations

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

SECTION 15: Regulatory information

| Annex XVII - Restrictions : Not applicable. on the manufacture, | |
|--|--------------|
| placing on the market | |
| and use of certain dangerous substances, | |
| mixtures and articles | |
| Prior Informed Consent (PIC) (649/2012/EU) | |
| Not listed. | |
| Persistent Organic Pollutants Not listed. | |
| International regulations | |
| Chemical Weapon Convention List Schedules I, II & III Chemicals | |
| Not listed. | |
| Montreal Protocol | |
| Not listed. | |
| Stockholm Convention on Persistent Organic Pollutants | |
| Not listed. | |
| Rotterdam Convention on Prior Informed Consent (PIC) | |
| Not listed. | |
| UNECE Aarhus Protocol on POPs and Heavy Metals | |
| Not listed. | |
| | |
| 45.2 Chemical addets | |
| 15.2 Chemical safety : This product contains substances for which Chemical Safety Assessmer | its are suil |

| 15.2 Chemical safety | This product contains substances for which Chemical Safety Assessments are still |
|----------------------|--|
| assessment | required. |

SECTION 16: Other information

 \checkmark Indicates information that has changed from previously issued version.

| : ATE = Acute Toxicity Estimate |
|--|
| EUH statement = SÉA-specific Hazard statement N/A = Not available |
| PBT = Persistent, Bioaccumulative and Toxic |
| PNEC = Predicted No Effect Concentration |
| SGG = Segregation Group |
| vPvB = Very Persistent and Very Bioaccumulative |
| |

Procedure used to derive the classification according to regulation SEA: RG.-10/12/2020-31330

| Classification | Justification |
|-------------------------|--------------------|
| Aquatic Chronic 3, H412 | Calculation method |

Full text of abbreviated H statements

| H317 | May cause an allergic skin reaction. |
|------|---|
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Full text of classifications [SEA/GHS]

| Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 3 Skin Sens. 1 | LONG-TERM (CHRON | E) AQUATIC HAZARD - IIC) AQUATIC HAZARD IIC) AQUATIC HAZARD - Category 1 | - Category 1 | | |
|---|------------------|---|--------------|-------------|----------|
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