# **DEMIDEKK Decking and Garden stain DEMIDEKK Terrasslasyr**

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

1.1 Product identifier

Product name : DEMIDEKK Decking and Garden stain

Product code : 325

**Product description**: Waterborne paint.

Product type : Liquid.

Other means of : Not available.

identification

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

Use in coatings - Consumer use: Apply this product only as specified on the label.

#### 1.3 Details of the supplier of the safety data sheet

Jotun Boya Sanayi ve Ticaret A.Ş.

Balabandere Caddesi, Hilpark Suites Sitesi No: 10, İstinye 34460 Sarıyer, İstanbul

Tel. +90 212 279 7878 SDSJotun@jotun.com

Başvurulacak Kişi: Emre Demir emre.demir@jotun.com.tr

Original preparation date : 27.04.2023

### 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 substance or mixture

Product definition : Mixture

Classification according to regulation SEA: RG.-10/12/2020-31330

Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation SEA: RG.-10/12/2020-31330.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed 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 : P102 - Keep out of reach of children.Prevention : P273 - Avoid release to the environment.

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## **SECTION 2: Hazards identification**

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 3-iodo-2-propynyl butylcarbamate (IPBC) and 1,2-benzisothiazol-3(2H)-

one. May produce an allergic reaction.

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

substances, mixtures and articles

Additional information

: Contains film preservatives: IPBC and terbutryn

**Special packaging requirements** 

Containers to be fitted with child-resistant

: Not applicable.

fastenings

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  | Type |
|--|----------------------------------|-------|--|------|
| 3-iodo-2-propynyl<br>butylcarbamate (IPBC) | EC: 259-627-5<br>CAS: 55406-53-6 | ≤0.23 | Acute Tox. 4, H302 Acute Tox. 3, H331 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 (trachea) Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) | [1]  |
| Terbutryn                                  | EC: 212-950-5<br>CAS: 886-50-0   | ≤0.22 | Acute Tox. 4, H302 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) See Section 16 for the full text of the H statements declared above.            | [1]  |

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

#### **SECTION 4: First aid measures**

#### 4.1 Description of 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. Get medical attention if irritation

occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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#### **SECTION 4: First aid measures**

**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

Eye contact
 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.
 No known significant effects or critical hazards.

#### **Over-exposure signs/symptoms**

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

**Specific treatments**: No specific treatment.

# **SECTION 5: Firefighting measures**

#### 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

Hazards from the substance or mixture

: In a fire or if heated, a pressure increase will occur and the container may burst. 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 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.

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# **SECTION 6: Accidental release measures**

#### 6.1 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. 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** 

: 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

#### 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

**Protective measures** 

: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. 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.

## 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.

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# **SECTION 7: Handling and storage**

Industrial sector specific solutions

: Not available.

# SECTION 8: Exposure controls/personal protection

# 8.1 Control parameters Occupational exposure limits

No exposure limit value known.

#### **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                 | Type | Exposure                 | Value                  | Population | Effects  |
|---|------|--------------------------|------------------------|------------|----------|
| 3-iodo-2-propynyl butylcarbamate (IPBC) | DNEL | Long term<br>Inhalation  | 0.023 mg/<br>m³        | Workers    | Systemic |
|   | DNEL | Short term<br>Inhalation | 0.07 mg/m <sup>3</sup> | Workers    | Systemic |
|   | DNEL | Short term<br>Inhalation | 1.16 mg/m³             | Workers    | Local    |
|   | DNEL | Long term<br>Inhalation  | 1.16 mg/m³             | Workers    | Local    |
|   | DNEL | Long term Dermal         | 2 mg/kg<br>bw/day      | 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 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. 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

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# **SECTION 8: Exposure controls/personal 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.

May be used, gloves(breakthrough time) 4 - 8 hours: 4H/Silver Shield® (> 0.07 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.

**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 : Liquid.

Colour : Yellow-base, ,Clear.

Odour : Characteristic.

Odour threshold : Not applicable.

Melting point/freezing point :

Initial boiling point and boiling range : Lowest known value: 100°C (212°F) (water). Weighted average: 102.07°C (215.7°F)

Flammability (solid, gas) : Not applicable.

Upper/lower flammability or : 2.6 - 12.6%

explosive limits

Flash point : Closed cup: Not applicable.

**Auto-ignition temperature** : Lowest known value: 371°C (699.8°F) (propylene glycol).

Decomposition temperature : Not available.
pH : 6.5 to 8.5

Viscosity : Kinematic (40°C): >20.5 mm<sup>2</sup>/s

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# SECTION 9: Physical and chemical properties

Solubility(ies)

| Media                   | Result                        |
|-------------------------|-------------------------------|
| cold water<br>hot water | Easily soluble Easily soluble |

Partition coefficient: n-octanol/: Not available.

water

Vapour pressure Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water). Weighted

average: 3.13 kPa (23.48 mm Hg) (at 20°C)

Highest known value: 0.36 (water) Weighted average: 0.35compared with butyl

acetate

Vapour density : Highest known value: 2.6 (Air = 1) (propylene glycol).

**Explosive properties** : Not available. : Not available. Oxidising properties

**Particle characteristics** 

Median particle size : Not applicable.

#### 9.2 Other information

No additional information.

# SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of Under normal conditions of storage and use, hazardous reactions will not occur. hazardous reactions

10.4 Conditions to avoid : No specific data. 10.5 Incompatible materials : No specific data.

10.6 Hazardous : Under normal conditions of storage and use, hazardous decomposition products

should not be produced. decomposition products

# **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

#### **Acute toxicity**

| Product/ingredient name                 | Result                          | Species | Dose       | Exposure |
|---|---------------------------------|---------|------------|----------|
| 3-iodo-2-propynyl butylcarbamate (IPBC) | LD50 Oral                       | Rat     | 1470 mg/kg | -        |
| Terbutryn                               | LC50 Inhalation Dusts and mists | Rat     | 2.2 mg/l   | 4 hours  |
|   | LD50 Oral                       | Rat     | 1470 mg/kg | -        |

**Conclusion/Summary** : Not available.

#### **Acute toxicity estimates**

| Product/ingredient name                 | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapours)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |
|---|------------------|-------------------|--------------------------------|-----------------------------------|--|
| DEMIDEKK Terrasslasyr (MD-WCS)          | N/A              | N/A               | N/A                            | N/A                               | 250  |
| 3-iodo-2-propynyl butylcarbamate (IPBC) | 500              | N/A               | N/A                            | N/A                               | 0.5  |
| terbutryn                               | 500              | N/A               | N/A                            | N/A                               | N/A  |

#### Irritation/Corrosion

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# **SECTION 11: Toxicological information**

| Product/ingredient name                    | Result   | Species                            | Score | Exposure                           | Observation |
|--|--|------------------------------------|-------|------------------------------------|-------------|
| 3-iodo-2-propynyl<br>butylcarbamate (IPBC) | Eyes - Irritant                                  | Mammal -<br>species<br>unspecified | -     | -                                  | -           |
| Terbutryn                                  | Eyes - Moderate irritant<br>Skin - Mild irritant | Rabbit<br>Rabbit                   | -     | 76 milligrams<br>380<br>milligrams | -<br>-      |

**Conclusion/Summary** 

: Not available.

**Sensitisation** 

| Product/ingredient name                 | Route of exposure | Species                      | Result      |
|---|-------------------|------------------------------|-------------|
| 3-iodo-2-propynyl butylcarbamate (IPBC) | 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 toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

| Product/ingredient name                 | Category   | Route of exposure | Target organs |
|---|------------|-------------------|---------------|
| 3-iodo-2-propynyl butylcarbamate (IPBC) | Category 1 | -                 | trachea       |

#### **Aspiration hazard**

Not available.

of exposure

Information on likely routes : Not available.

Potential acute health effects

**Eye contact** : No known significant effects or critical hazards. : No known significant effects or critical hazards. Inhalation **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** : Not available.

effects

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# **SECTION 11: Toxicological information**

Potential delayed effects : Not available.

Long term exposure

**Potential immediate** 

: Not available.

effects

Potential delayed effects : Not available.

### Potential chronic health effects

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**

#### 12.1 Toxicity

| Product/ingredient name                    | Result                          | Species  | Exposure |
|--|---------------------------------|--|----------|
| 3-iodo-2-propynyl<br>butylcarbamate (IPBC) | Acute EC50 0.022 mg/l           | Algae - Scenedesmus subspicatus  | 72 hours |
| , ,  | Acute EC50 0.16 mg/l            | Crustaceans - Daphnia magna  | 48 hours |
|  | Acute LC50 0.067 mg/l           | Fish - Oncorhynchus mykiss   | 96 hours |
|  | Chronic NOEC 70 ppb Fresh water | Fish - Oncorhynchus mykiss -<br>Juvenile (Fledgling, Hatchling,<br>Weanling) | 96 hours |
| Terbutryn                                  | Acute EC50 0.0067 mg/l          | Algae  | 72 hours |
| -  | Acute EC50 6.4 mg/l             | Daphnia  | 48 hours |
|  | Acute LC50 1.9 mg/l             | Fish   | 96 hours |
|  | Chronic NOEC 0.0005 mg/l        | Algae  | 72 hours |
|  | Chronic NOEC 0.05 mg/l          | Daphnia  | 21 days  |
|  | Chronic NOEC 0.073 mg/l         | Fish   | 28 days  |

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

#### 12.2 Persistence and degradability

Conclusion/Summary : Not available.

| Product/ingredient name                 | Aquatic half-life | Photolysis | Biodegradability |
|---|-------------------|------------|------------------|
| 3-iodo-2-propynyl butylcarbamate (IPBC) | -                 | -          | Readily          |
| Terbutryn                               | -                 | -          | Not readily      |

#### 12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| Terbutryn               | 3.74   | -   | low       |

#### 12.4 Mobility in soil

Soil/water partition : Not available. coefficient (Koc)

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.

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# **SECTION 12: Ecological information**

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 methods

#### **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 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.

#### **Hazardous waste**

#### **Waste list**

: Yes.

| Waste code | Waste code definition   |
|------------|---|
| 08 01 11*  | Waste paint and varnish containing organic solvents or other dangerous substances |

#### **Packaging**

**Methods of disposal** 

: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** 

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        | 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<br>Environmental<br>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 according to IMO instruments

: Not available.

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# 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.

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.

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# SECTION 15: Regulatory information

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

**Abbreviations and** 

: ATE = Acute Toxicity Estimate

acronyms

EUH statement = SEA-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

| H302 | Harmful if swallowed.   |
|------|---|
| H317 | May cause an allergic skin reaction.                            |
| H318 | Causes serious eye damage.                                      |
| H331 | Toxic if inhaled.   |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| 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]

| Acute Tox. 3 | ACUTE TOXICITY - Category 3 |
|--------------|-----------------------------|
| Acute Tox. 4 | ACUTE TOXICITY - Category 4 |
| l            | aa. == ===                  |

Aquatic Acute 1 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
Aquatic Chronic 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1
Aquatic Chronic 3 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1

Skin Sens. 1 SKIN SENSITISATION - Category 1

STOT RE 1 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1

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