Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Cyprus

Date of issue/ Date of revision : Date of previous issue Version

20.02.2024 07.02.2023 8.0

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2



SAFETY DATA SHEET

YaraTera Krista K

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

1.1 Product identifier

Product name : YaraTera Krista K EC number 231-818-8 2 **REACH Registration number** 2 01-2119488224-35 CAS number 7757-79-1 5 **Product code** PZ004K ÷., Product type 5 Solid

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

| Identified uses | |
|---|--|
| Industrial distribution. Industrial USE to formulate chemical product mixtures. Professional formulation of fertiliser products. Professional USE as fertiliser in Greenhouse. Professional USE as liquid fertiliser in open field. | |

| Uses advised against | : Other non-specified industry |
|----------------------|---|
| Reason | : Due to lack of related experience or data, the supplier |
| | cannot approve this use. |

1.3 Details of the supplier of the safety data sheet

| | | Yara Hellas S.A. | |
|----------------------------|---|----------------------|--|
| <u>Address</u> | | | |
| Street | : | Syngrou Avenue | |
| | | Nea Smyrni | |
| Number | : | 137 | |
| Postal code | : | 17121 | |
| City | | Athens | |
| Country | : | Greece | |
| Telephone number | | +30 210 9370355 | |
| Fax no. | : | +30 210 9370357 | |
| e-mail address of person | 1 | info.hellas@yara.com | |
| Date of issue : 20.02.2024 | | | |

responsible for this SDS

<u>1.4 Emergency telephone number</u>

| National advisory body/Poison 0 | Cent | er |
|---|------|---|
| Name | 1 | Κέντρο Δηλητηριάσεων Κύπρου/Poison Control Center |
| | | Cyprus |
| Telephone number | 1 | 1401 |
| Hours of operation | 1 | 24/7 |
| <u>Supplier</u> | | |
| Emergency telephone number (with hours of operation) | : | +30 2111 983 182 (7/24) |

SECTION 2: Hazards identification

| 2.1 Classification of the substar | nce o | or mixture. |
|-----------------------------------|-------|----------------------------|
| Product definition | 1 | Mono-constituent substance |

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification

: Ox. Sol. 3, H272

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

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

| Hazard pictograms | : | | |
|---|---|--------------------------------|---|
| Signal word | : | Warning | |
| Hazard statements | : | H272 | May intensify fire; oxidizer. |
| Precautionary statements | | | |
| Prevention Response | : | P210 P220 P370 P378-b | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials. In case of fire: Use flooding quantities of water to extinguish. |
| EU Regulation (EC) No. <u>1907/2006 (REACH) Annex XVII</u> <u>- Restrictions on the</u> <u>manufacture, placing on the</u> <u>market and use of certain</u> <u>dangerous substances,</u> | : | Not applica | able. |
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mixtures and articles

Special packaging requirements

| Containers to be fitted with | : | Not applicable. |
|------------------------------|-----|-----------------|
| child-resistant fastenings | | |
| Tactile warning of danger | ÷ . | Not applicable. |

2.3 Other hazards

| Product meets the : PBT criteria for PBT or vPvB | | P N/A | B N/A | T N/A | vPvB N/A | vP N/A | vB N/A |
|---|---|--------------|-----------|------------|--------------|------------|-----------|
| criteria for PBT or vPvB <u>N/A</u> according to Regulation (EC) No. 1907/2006, Annex XIII | | <u> N/A</u> | N/A | | <u> N/A</u> | <u> </u> | N/A |
| Other hazards which do not result in classification | : | None know | n. | | | | |
| Additional information | : | Product for | ms slippe | ery surfac | ce when com | bined with | water. |

SECTION 3: Composition/information on ingredients

3.1 Substances

Mono-constituent substance

| Product/ingredie nt name | Identifiers | % | Classification | Specific Conc. Limits, M-factors and ATEs | Туре |
|-----------------------------|---|---|------------------|--|------|
| | REACH #: 01-2119488224-35 EC : 231-818-8 CAS : 7757-79-1 | | Ox. Sol. 3, H272 | - | [1] |

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

÷.,

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

[1] Constituent

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

SECTION 4: First aid measures

4.1 Description of first aid measures

| Eye contact | : | Rinse with plenty of running water. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
|----------------------------|---|--|
| Inhalation | : | If inhaled, remove to fresh air. 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 | : | Wash with soap and water. Get medical attention if irritation |
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develops.

| 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

| Over-exposure signs/symptoms | 5 | |
|------------------------------|----|-------------------|
| Eye contact | 1 | No specific data. |
| Inhalation | 1 | No specific data. |
| Skin contact | 1 | No specific data. |
| Ingestion | з. | 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. 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. |
|--------------------|---|---|
| | | under medical surveillance for 48 hours. |

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

| Suitable extinguishing media | : | Use flooding quantities of water for extinction. |
|--|-----|--|
| Unsuitable extinguishing media | : | Do NOT use chemical extinguisher or foam or attempt to smother the fire with steam or sand. |
| 5.2 Special hazards arising from | the | substance or mixture |
| Hazards from the substance or mixture | : | Oxidizing material. May intensify fire. The product itself is not combustible but it can support combustion, even in absence of air. On heating it melts and further heating can cause decomposition, releasing toxic fumes containing nitrogen oxides. It has high resistance to detonation. Heating under strong confinement can lead to explosive behaviour. |
| Hazardous combustion products | : | Decomposition products may include the following materials: nitrogen oxides, metal oxide/oxides, ammonia, Avoid breathing dusts, vapors or fumes from burning materials., In case of inhalation of decomposition products in a fire, symptoms may be delayed. |
| 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. Move containers from fire area if this can be done without risk. Use |
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water spray to keep fire-exposed containers cool.

| 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. |
|---|---|--|
| | | level of protection for chemical incidents. |

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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8). | |
|---|---|--|--|
| 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". | |
| 6.2 Environmental precautions | : | Avoid dispersal of spilled 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). | |
| 6.3 Methods and materials for containment and cleaning up | | | |
| Small spill | : | Move containers from spill area. If contaminated with combustible material or reactive chemicals, use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. | |
| Large spill | : | Move containers from spill area. If contaminated with combustible material or reactive chemicals, use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled 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

Not for human or animal consumption.

| Protective measures : | : | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from clothing, incompatible materials and combustible materials. Keep away from heat. 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.Separate from reducing agents and combustible materials.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. Keep away from: organic materials, oil and grease.

Seveso Directive - Reporting thresholds

Danger criteria

| Category | Notification and MAPP threshold | Safety report threshold |
|-------------------|------------------------------------|----------------------------|
| Potassium nitrate | 1.250 t | 5.000 t |

7.3 Specific end use(s)

Recommendations

Not available.

SECTION 8: Exposure controls/personal protection

τ.

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

Remark

No exposure limit value known.

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Recommended monitoring procedures

2

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. 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

No DNELs/DMELs available.

PNECs

| Product/ingredient name | Туре | Compartment Detail | Value | Method Detail |
|-------------------------|------|---------------------------|---------|-----------------------|
| potassium nitrate | PNEC | Sewage Treatment Plant | 18 mg/l | Assessment Factors |

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 | : | A washing facility or water for eye and skin cleaning purposes should be present. 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. Wash contaminated clothing before reusing. |
| Eye/face protection | : | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. |
| Skin protection Hand protection | : | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. For general applications, we recommend gloves with a thickness typically greater than 0.35 mm. It should be emphasized that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the |
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| | | glove will be dependent on the exact composition of the glove material. |
|--|---|---|
| Body protection | : | Personal protective equipment for the body should be selected based on the task being performed and the risks involved. |
| 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 | : | In case of inadequate ventilation wear respiratory protection. |
| 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. |
| Personal protective equipment (Pictograms) | : | |

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 Color Odor Melting point/freezing point Initial boiling point and boiling range | | Solid (Crystalline solid.) White., Odorless. 335 °C Decomposes. |
|---|---|---|
| Flammability | : | Non-flammable. |
| Lower and upper explosion limit | : | Lower: Not applicable. Upper: Not applicable. |
| Flash point | : | Not applicable. |
| Auto-ignition temperature | : | Not applicable. |
| Decomposition temperature | : | > 600 °C |
| рН | : | 6 - 9 [Conc. (% w/w): 50 g/l] |
| Viscosity | : | Kinematic: Not applicable. |
| Water solubility | : | 320 g/l @ 20 °C |
| Partition coefficient: n- octanol/water | : | Not applicable. |
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| Vapor pressure Density | : | Not applicable. 2,1 g/cm3 @ 20 °C |
|--|---|---|
| Relative vapour density | : | Not applicable. |
| Explosive properties Oxidizing properties | : | Non-explosive. Oxidizer UN Model Regualtions |
| Particle characteristics | | |
| Median particle size | : | Not determined. |
| 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 hazardous reactions | : | Hazardous reactions or instability may occur under certain conditions of storage or use. Conditions may include the following: contact with combustible materials Reactions may include the following: risk of causing or intensifying fire |
| 10.4 Conditions to avoid | : | Avoid contamination by any source including metals, dust and organic materials. |
| 10.5 Incompatible materials | : | Reactive or incompatible with the following materials: alkalis, combustible materials, reducing materials, organic materials, Acids |
| 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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

| Product/ingredient name | Method | Species | Result | Exposure |
|-------------------------|-------------|---------|---------------|-----------------|
| potassium nitrate | | | | |
| | LD50 Oral | Rat | 2.000 mg/kg | Not applicable. |
| | LD50 Dermal | Rat | > 5.000 mg/kg | Not applicable. |

Conclusion/Summary

: No known significant effects or critical hazards.

Acute toxicity estimates

| N/A | | | |
|----------------|--|--|--|
| D - 1 - | | | |

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|----------------------------|-----------|
|----------------------------|-----------|

Irritation/Corrosion

| Product/ingredient name | Method | | Species | Result | Exposure | | |
|--|---|----------------|-------------------|---|----------------|--|--|
| potassium nitrate | | | <u> </u> | | I | | |
| | OECD 404 | 4 | Rabbit | Non-irritating. | | | |
| | Skin | | | _ | | | |
| Conclusion/Summary | | | | | | | |
| Skin | : | Non-irrit | | | | | |
| Eyes Beeniretery | | Non-irrit | | | | | |
| Respiratory | | Non-irrit | aung. | | | | |
| Sensitization | | | | | | | |
| Conclusion/Summary | | | | | | | |
| Skin | : | Not sens | | | | | |
| Respiratory | | Not sens | sitizing | | | | |
| <u>Mutagenicity</u> | | | | | | | |
| Conclusion/Summary | : | No know | vn significant ef | fects or critical haza | ards. | | |
| Carcinogenicity | | | | | | | |
| Conclusion/Summary | : | No know | vn significant ef | fects or critical haza | ards. | | |
| Reproductive toxicity | | | | | | | |
| Conclusion/Summary | : No known significant effects or critical hazards. | | | | | | |
| Information on the likely routes of exposure | - | Not available. | | | | | |
| Potential acute health effe | ects | | | | | | |
| Inhalation | : | | Serious effects | ition products may of may be delayed fo | | | |
| Ingestion | : | No know | vn significant ef | fects or critical haza | ards. | | |
| Skin contact | : | No know | n significant ef | fects or critical haza | ards. | | |
| Eye contact | : | No know | n significant ef | fects or critical haza | ards. | | |
| Symptoms related to the | physical, c | hemical a | and toxicologi | cal characteristics | | | |
| Inhalation | : | No spec | ific data. | | | | |
| Ingestion | : | No spec | | | | | |
| Skin contact | : | | ecific data. | | | | |
| Eye contact | : | No spec | itic data. | | | | |
| Delayed and immediate effects and also chronic effects from short and long term exposure | | | | | | | |
| Delayed and immediate ef | | | | | | | |
| Delayed and immediate ef Short term exposure | | | | | | | |
| | ts : | | | are considered unlil ng to directions. | kely, when the | | |

| Potential delayed effects | : | None identified. |
|---|-----------|---|
| Long term exposure Potential immediate effects | : | Adverse health effects are considered unlikely, when the product is used according to directions. |
| Potential delayed effects | : | None identified. |
| Potential chronic health effects | | |
| 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. |
| Effects on or via lactation | : | No known significant effects or critical hazards. |
| Other effects | : | No known significant effects or critical hazards. |
| Toxicokinetics | | |
| Absorption | : | Rapidly absorbed. |
| Distribution | : | Enters the systemic circulation without passing through liver tissues. |
| Metabolism | : | Rapidly metabolized. |
| Elimination | : | The chemical and its metabolites are fully excreted and do not accumulate within the body. |
| 11.2. Information on other haza | <u>ds</u> | |
| 11.2.1 Endocrine disrupting properties | : | Not available. |
| 11.2.2 Other information | : | Not available. |

SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredien t name | Method | Species | Result | Exposure |
|--------------------------|---------------------------------------|---------|--------------|----------|
| potassium nitrate | | | | |
| | OECD 203 Acute LC50 Fresh water | Fish | > 100 mg/l | 96 h |
| | Acute EC50 Fresh water | Daphnia | 490 mg/l | 48 h |
| | Acute EC50 Marine water | Algae | > 1.700 mg/l | 240 h |

Conclusion/Summary

: No known significant effects or critical hazards.

12.2 Persistence and degradability

| Conclusion/Summary | : | Readily biodegradable in plants and soils. The product does not show any bioaccumulation phenomena. |
|--|---|---|
| 12.3 Bioaccumulative potential | | |
| Conclusion/Summary | : | No known significant effects or critical hazards. |
| 12.4 Mobility in soil | | |
| Soil/water partition coefficient (KOC) | : | Not available. |
| Mobility | : | This product may move with surface or groundwater flows because its water solubility is: high |

12.5 Results of PBT and vPvB assessment

| Product/ingredient name | PBT | Р | В | Т | vPvB | vP | vB | |
|---|-----|-----|-----|-----|------|-----|-----|--|
| Potassium nitrate | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| 12.6 Endocrine disrupting properties : Not available. | | | | | | | | |

| 12.6 Endocrine disrupting properties | 11 | Not availab |
|--------------------------------------|----|-------------|
| | | |

12.7 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 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 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. |

European waste catalogue (EWC)

| Waste code | Waste designation |
|---|--|
| 06 10 02* | wastes containing hazardous substances |
| <u>Packaging</u> Methods of disposal | : The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Empty the bag by shaking to remove as much as possible of its contents. Empty bags may be disposed of as non-hazardous material or |
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returned for recycling.

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 spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

| | ADR/RID | ADN | IMDG | ΙΑΤΑ |
|---------------------------------------|----------------------|----------------------|----------------------|----------------------|
| 14.1 UN number or ID number | 1486 | 1486 | 1486 | 1486 |
| 14.2 UN proper shipping name | POTASSIUM NITRATE | POTASSIUM NITRATE | POTASSIUM NITRATE | POTASSIUM NITRATE |
| 14.3 Transport hazard class(es) | 5.1 | 5.1 | 5.1 | 5.1 |
| 14.4 Packing group | | 111 | 111 | 111 |
| 14.5. Environmental hazards | No. | No. | No. | No. |

Additional information ADR/RID

Hazard identification number 50 2

IMDG ŝ,

14.6 Special precautions for <u>user</u>

14.7 Maritime transport in bulk according to IMO instruments

- Tunnel code (E)
- Emergency schedules (EmS) F-A, S-Q
 - 2 Transport within user's premises: Ensure that persons transporting the product know what to do in the event of an accident or spillage.
 - Proper shipping name :

Remarks

- POTASSIUM NITRATE UN 1486
- Solid bulk cargoes 5 Harmful to the marine environment with regard to MARPOL Annex V: No Material is hazardous only in bulk according to the IMSBC: No IMSBC shipping group: B

SECTION 15: Regulatory information

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

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

Annex XIV - List of substances subject to authorization Annex XIV None of the components are listed. Substances of very high concern None of the components are listed. EU Regulation (EC) No. : Not applicable. 1907/2006 (REACH) Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations Ozone depleting substances (1005/2009/EU) None of the components are listed.

Prior Informed Consent (PIC) (649/2012/EU)

None of the components are listed.

Persistent Organic Pollutants

None of the components are listed.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

| Category | | |
|------------------------------------|---|--|
| Potassium nitrate | | |
| Other regulations | : | This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. |
| National regulations | | |
| Biocidal products regulation | : | Not applicable. |
| | | |
| Notes | : | To our knowledge no other country or state specific regulations are applicable. |
| 15.2 Chemical Safety Assessment | : | Complete. |

SECTION 16: Other information

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| Abbreviations and acronyms | : | ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level DMEL = Derived Minimal Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PNEC = Predicted No Effect Concentration RRN = REACH Registration Number SGG = Segregation Group PBT = Persistent, Bioaccumulative and Toxic vPvB = Very Persistent and Very Bioaccumulative bw = Body weight |
|----------------------------|---|---|
| Key data sources | : | EU REACH ECHA/IUCLID5 CSR. National Institute for Occupational Safety and Health, U.S. Dept. of Health, Education, and Welfare, Reports and Memoranda Registry of Toxic Effects of Chemical Substances. Sphera Solutions Inc., 4777 Levy Street, St Laurent, Quebec HAR 2P9, Canada. Regulation (EC) No 1272/2008 Annex VI. |

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification | Justification |
|------------------|-----------------|
| Ox. Sol. 3, H272 | Expert judgment |

Full text of abbreviated H statements

H272

May intensify fire; oxidizer.

Full text of classifications [CLP/GHS]

Ox. Sol. 3 **OXIDIZING SOLIDS - Category 3 Revision comments** The following sections contain new and updated 5 information: 1. Supplier's details Date of printing 26.06.2024 2 Date of issue/ Date of revision 20.02.2024 2 Date of previous issue 07.02.2023 ÷. Version 8.0 ż

Product Stewardship and Compliance (PSC).

Notice to reader

Prepared by

To the best of our knowledge, the information provided in this Safety Data Sheet is accurate as at the date of its issue. The information it contains is being given for safety guidance purposes and relates only to the specific material and uses described in it. This information does not necessarily apply to that material when combined with other material(s) or when used otherwise than as described herein, since all materials may represent unknown hazards and should be used with caution. Final determination of the suitability of any material is the sole responsibility of the user.

5

Indicates information that has changed from previously issued version.



Annex to the extended Safety Data Sheet (eSDS) -Exposure Scenario/Safe Use Information:

| Identification of the subs Product definition | tar : | CE or mixture Mono-constituent substance |
|--|----------|--|
| Product name | : | YaraTera Krista K |
| Exposure Scenario/Safe Use Information | : | Not applicable. |