SAFETY DATA SHEET



ILA CAPTURE REAGENT

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

| 1.1 Product identifier | |
|----------------------------------|-----------------------|
| Product name | : ILA CAPTURE REAGENT |
| Product type | : Powder. |
| Other means of identification | : Not available. |
| Product part number | : R7018 |
| Kit name | : ILA DETECTION KIT |
| Kit part number | : R8006/R9003 |
| | |

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

| Product use Area of application | For R&D use only.Professional applications. |
|------------------------------------|----------------------------------------------------------------------------|
| Uses advised against | |
| None identified. | |

1.3 Details of the supplier of the safety data sheet

Molecular Devices (Austria) GmbH Urstein Süd 17 5412 Puch / Hallein AUSTRIA e-mail address of person : msdsinguiry@moldev.com responsible for this SDS

| 1.4 Emergency telephone | number |
|--------------------------|---------------------------------------------------------------------------------------------|
| National advisory body/F | Poison Centre |
| Telephone number | : CHEMTREC (24 hours): 1-800-424-9300 (USA/Canada), +1 703-527-3887 (Outside USA/Canada) |

SECTION 2: Hazards identification

| 2.1 Classification of the sub | ostance or mixture |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product definition | : Mixture <u> D Regulation (EC) No. 1272/2008 [CLP/GHS]</u> |
| The product is not classified | as hazardous according to Regulation (EC) 1272/2008 as amended. |
| Ingredients of unknown toxicity | 3 percent of the mixture consists of component(s) of unknown acute dermal toxicity 3 percent of the mixture consists of component(s) of unknown acute inhalation toxicity |
| Ingredients of unknown ecotoxicity | : Contains 3% of components with unknown hazards to the aquatic environment |
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SECTION 2: Hazards identification

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

| Signal word | : | No signal word. |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|
| Hazard statements | : | No known significant effects or critical hazards. |
| Precautionary statements | | |
| Prevention | : | Not applicable. |
| Response | : | Not applicable. |
| Storage | : | Not applicable. |
| Disposal | : | Not applicable. |
| Supplemental label elements | : | Safety data sheet available on request. |
| REACH Authorisation number | : | Exempted (Research and Development) - <1 tonne/yr |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : | Not applicable. |
| Special packaging requirem | er | <u>its</u> |
| 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 according to Regulation (EC) No. 1907/2006, Annex XIII | : | This mixture does not contain any substances that are assessed to be a PBT or a vPvB. |
| Other hazards which do | : | May form combustible dust concentrations in air. |

not result in classification

SECTION 3: Composition/information on ingredients

| Product/ingredient name | Identifiers | % | Regulation (EC) No. 1272/2008 [CLP] | Туре |
|---------------------------------------------------------------------------------|----------------------------------------------------|------|-----------------------------------------------------------------------------------------------|---------|
| sucrose | REACH #: Annex IV EC: 200-334-9 CAS: 57-50-1 | ≤3 | Not classified. | [2] |
| Albumins, blood serum | EC: 232-936-2 CAS: 9048-46-8 | ≤3 | Acute Tox. 4, H302 | [1] |
| Poly(oxy-1,2-ethanediyl), α- [4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | CAS: 9002-93-1 | ≤0.3 | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411 | [1] [5] |

SECTION 3: Composition/information on ingredients

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 and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

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. Get medical attention if symptoms occur. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| 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

| Eye contact | : Adverse symptoms may include the following: irritation redness |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | : Adverse symptoms may include the following: respiratory tract irritation coughing |
| Skin contact | : No specific data. |
| Ingestion | : No specific data. |
| 4.3 Indication of any imm | ediate medical attention and special treatment needed |
| 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. |

Specific treatments : No specific treatment.

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SECTION 5: Firefighting measures

| 5.1 Extinguishing media | |
|--------------------------------|----------------------------|
| Suitable extinguishing media | : Use dry chemical powder. |
| Unsuitable extinguishing media | : Do not use water jet. |

5.2 Special hazards arising from the substance or mixture

| Hazards from the substance or mixture | May form explosible dust-air mixture if dispersed. | |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------|
| Hazardous thermal decomposition products | Decomposition products may include the following m carbon dioxide carbon monoxide nitrogen oxides sulfur oxides | aterials: |

| 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 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. |

SECTION 6: Accidental release measures

| 6.1 Personal precautions, pro | ote | 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. 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). |
| 6.3 Methods and material for | со | ntainment and cleaning up |
| Small spill | 1 | Move containers from spill area. Use spark-proof tools and explosion-proof |

| man spin | ÷. | Move containers from spill area. Use spark-proof tools and explosion-proof |
|----------|----|----------------------------------------------------------------------------------|
| | | equipment. Vacuum or sweep up material and place in a designated, labelled waste |
| | | container. Dispose of via a licensed waste disposal contractor. |
| | | |

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SECTION 6: Accidental release measures

| Large spill | : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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. Avoid creating dusty conditions and prevent wind dispersal. 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

7.1 Precautions for safe handling

| Protective measures | : Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. 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. |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidising 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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

Occupational exposure limits

| Product/ingredient name | Exposure limit values |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| súcrose | EH40/2005 WELs (United Kingdom (UK), 1/2020). STEL: 20 mg/m ³ 15 minutes. TWA: 10 mg/m ³ 8 hours. |

| Date of i | ssue/Date | of revision |
|-----------|-----------|-------------|
|-----------|-----------|-------------|

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SECTION 8: Exposure controls/personal protection

| | - | |
|-----------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended monitoring procedures | | 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 | | |
| No PNECs available | | |
| 8.2 Exposure controls | | |
| Appropriate engineering controls | : | Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. |
| Individual protection measu | res | |
| 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 with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles. |
| 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. |
| 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. |
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SECTION 8: Exposure controls/personal protection

| Environmental exposure | : Emissions from ventilation or work process equipment should be checked to |
|------------------------|------------------------------------------------------------------------------------|
| controls | 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

| 9.1 Information on basic physical and chemical properties | | |
|-----------------------------------------------------------|----------------------------------------------------------------------|--|
| | | |
| : | Solid. [Powder.] | |
| : | White. | |
| : | Not available. | |
| : | Sasily soluble in the following materials: cold water and hot water. | |
| : | Not available. | |
| | | |
| : | No additional information. | |
| | | |

comments

| 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 | : Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur. | | | |
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SECTION 10: Stability and reactivity

| 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 | : | Reactive or incompatible with the following materials: oxidising materials |
| 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 |
|-----------------------------------------------------------------------------------------|----------------|---------|------------|----------|
| Poly(oxy-1,2-ethanediyl) , α- [4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | LD50 Oral | Rat | 1800 mg/kg | - |
| Conclusion/Summary | Not available. | | | |

Conclusion/Summary

Acute toxicity estimates

| Product/ingredient name | Oral (mg/ kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapours) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|---------------------------------------------------------------------------------|------------------|-------------------|--------------------------------|-----------------------------------|----------------------------------------------|
| KA CAPTURE REAGENT | 50000.2 | N/A | N/A | N/A | N/A |
| Albumins, blood serum | 500 | N/A | N/A | N/A | N/A |
| Poly(oxy-1,2-ethanediyl), α- [4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | 1800 | N/A | N/A | N/A | N/A |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observa | tion |
|-----------------------------------------------------------------------------------------|----------------------------------|------------|---------|--------------------|---------|------|
| Poly(oxy-1,2-ethanediyl) , α- [4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | Eyes - Moderate irritant | Rabbit | - | 24 hours 10 uL | - | |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 uL | - | |
| Conclusion/Summary | : Not available. | | | | | |
| <u>Sensitisation</u> | | | | | | |
| Conclusion/Summary | : Not available. | | | | | |
| <u>Mutagenicity</u> | | | | | | |
| Conclusion/Summary | : Not available. | | | | | |
| Carcinogenicity | | | | | | |
| Conclusion/Summary | : Not available. | | | | | |
| Reproductive toxicity | | | | | | |
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| SECTION 11: Toxico | logical information |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Conclusion/Summary | : Not available. |
| <u>Teratogenicity</u> | |
| Conclusion/Summary | : Not available. |
| Specific target organ toxici | t <u>y (single exposure)</u> |
| Not available. | |
| Specific target organ toxici Not available. | t <u>y (repeated exposure)</u> |
| Aspiration hazard Not available. | |
| Information on likely routes of exposure | : Not available. |
| Potential acute health effects | <u>5</u> |
| Eye contact | : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
| Inhalation | : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
| Skin contact | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |
| Symptoms related to the phy | vsical, chemical and toxicological characteristics |
| Eye contact | : Adverse symptoms may include the following: irritation redness |
| Inhalation | : Adverse symptoms may include the following: respiratory tract irritation coughing |
| Skin contact | : No specific data. |
| Ingestion | : No specific data. |
| Delayed and immediate offer | ts as well as chronic effects from short and long-term exposure |
| Short term exposure | to as well as enrolle enects from short and long-term exposure |
| Potential immediate effects | : Not available. |
| Potential delayed effects | : Not available. |
| Long term exposure | |
| Potential immediate effects | : Not available. |
| Potential delayed effects | : Not available. |
| Potential chronic health eff | ects |
| General | : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. |
| 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. |
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SECTION 11: Toxicological information

Other information

: Not available.

SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-----------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------|----------|
| Poly(oxy-1,2-ethanediyl) , α- [4-(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy- | Acute LC50 5.85 mg/l Fresh water | Crustaceans - Ceriodaphnia rigaudi - Neonate | 48 hours |
| | Acute LC50 11.2 mg/l Fresh water | Daphnia - Daphnia magna - Neonate | 48 hours |
| | Acute LC50 4500 µg/l Fresh water | Fish - Pimephales promelas | 96 hours |
| Conclusion/Summary | : Not available. | | |

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Not available.

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

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 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 | Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC. | | | |
| 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. | | | |
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SECTION 13: Disposal considerations

Special precautions

: This material and its container must be disposed of in a safe way. 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 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 EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

| Ingredient name | Intrinsic property | | Reference number | Date of revision |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------|---------------------|------------------|
| (1,1,3,3-tetramethylbutyl) phenol, ethoxylated (covering well-defined substances and UVCB substances, polymers and homologues) | Substance of equivalent concern for environment | Listed | 42 | 7/3/2017 |

Substances of very high concern

| Ingredient name | Intrinsic property | Status | | Date of revision |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------|-------------|------------------|
| (1,1,3,3-tetramethylbutyl) phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] | Substance of equivalent concern for environment | Recommended | ED/169/2012 | 7/3/2017 |

Date of issue/Date of revision

: 25/01/2018

| ILA CAPTURE REAGENT | |
|----------------------------------------|---------------------------------------------------------------------------------------------|
| SECTION 15: Regul | atory information |
| REACH Authorisation number | : Exempted (Research and Development) - <1 tonne/yr |
| | on the manufacture, placing on the market and use of certain dangerous |
| substances, mixtures and | |
| Label requirements | : Not applicable. |
| Other EU regulations | |
| Europe inventory | : All components are listed or exempted. |
| Ozone depleting substan | <u>ces (1005/2009/EU)</u> |
| Not listed. | |
| Prior Informed Consent (| <u>PIC) (649/2012/EU)</u> |
| Not listed. | |
| Seveso Directive | |
| This product is not controlle | ed under the Seveso Directive. |
| International regulations | |
| Chemical Weapon Conven | tion List Schedules I, II & III Chemicals |
| Not listed. | |
| Montreal Protocol | |
| Not listed. | |
| Stockholm Convention on | Persistent Organic Pollutants |
| Not listed. | <u> </u> |
| | Prior Informed Consent (PIC) |
| Not listed. | <u>rnormolined consent (ric)</u> |
| | |
| UNECE Aarhus Protocol o Not listed. | n POPs and Heavy Metals |
| Not listed. | |
| | |
| 15.2 Chemical safety assessment | : Not applicable. |
| 15.3 Registration status | : Mixture. Information concerning the substance : Contact local supplier or distributor. |
| SECTION 16: Other | information |
| | t has changed from previously issued version. |
| Abbreviations and | : ATE = Acute Toxicity Estimate |
| acronyms | CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] |

| | N/A = Not available PBT = Persistent, Bioaccumulative a PNEC = Predicted No Effect Concer RRN = REACH Registration Numbe | ntration | | |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|---------|
| | vPvB = Very Persistent and Very Bio | paccumulative | | |
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| SECTION 16: Othe | r information | | | | |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|--|--|
| Key literature references and sources for data Procedure used to derive | Regulation (EC) No. 1272/2008 [CLP]; European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), concluded in Geneva on 30 September 1957 plus amendments (Uniform text: Journal of Laws 27/2009 pos. 162 plus amendments); European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN); Occupational exposure limits; International regulations the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] | | | | |
| | Classification | | Justification | | |
| Not classified. | | | | | |
| Full text of abbreviated H | statements | | | | |
| H315Causes skin in Causes seriouH319Causes seriou | | | | | |
| Full text of classifications | [CLP/GHS] | | | | |
| Acute Tox. 4 Aquatic Chronic 2 Eye Irrit. 2 Skin Irrit. 2 | | SERIOUS EYE DAM | Category 4 DNIC) AQUATIC HAZARD - Category 2 IAGE/EYE IRRITATION - Category 2 IRRITATION - Category 2 | | |
| Training advice | : Ensure operative practice. | es are trained to mini | mise exposures. Training staff on good | | |
| Date of issue/ Date of revision | : 02/02/2021 | | | | |
| Date of previous issue | : 25/01/2018 | | | | |
| Version | : 3 | | | | |
| Notice to reader | | | | | |

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.