Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

SAFETY DATA SHEET



INFRALIT EP/PE 8087-18 - All variants

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

1.1 Product identifier

Product name : INFRALIT EP/PE 8087-18 - All variants

1.2 Relevant identified uses of the substance or mixture and uses advised againstProduct use: Paint.

1.3 Details of the supplier of the safety data sheet

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person : Prod-safe@teknos.com

responsible for this SDS

National contact

Teknos (UK) Limited, 7 Longlands Rd, Bicester, Oxfordshire OX26 5AH, United Kingdom. Tel. +44 (0) 1869 208005.

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : NHS: 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to UK CLP/GHS

Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 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 | | |
|---|---|--|
| Signal word | : | No signal word. |
| Hazard statements | : | H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements | | |
| Prevention | : | P273 - Avoid release to the environment. |
| Response | : | Not applicable. |
| Storage | : | Not applicable. |
| Disposal | : | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Supplemental label elements | : | Contains zinc di(benzothiazol-2-yl) disulphide. May produce an allergic reaction. Warning! Hazardous respirable dust may be formed when used. Do not breathe dust. |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : | Not applicable. |

SECTION 2: Hazards identification

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.

: May form explosible dust-air mixture if dispersed.

Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

| 3.2 Mixtures : N | lixture | | | |
|---------------------------------------|--|-----------|---|---------|
| Product/ingredient name | Identifiers | % | Classification | Туре |
| titanium dioxide | REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7 | ≥25 - ≤50 | Carc. 2, H351 (inhalation) | [1] [*] |
| zinc di(benzothiazol-2-yl) disulphide | | <1 | Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | [1] |
| propylidynetrimethanol | REACH #: 01-2119486799-10 EC: 201-074-9 CAS: 77-99-6 | ≤0.3 | Repr. 2, H361d | [1] |
| Aluminium oxide | REACH #: 01-2119529248-35 EC: 215-691-6 CAS: 1344-28-1 | ≤0.3 | Not classified. | [2] |
| | | | 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.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter \leq 10 µm not bound within a matrix.

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

SECTION 4: First aid measures

4.1 Description of first aid measures

| Europeutent | · Immediately fluck avec with planty of water accessionally lifting the upper and laws |
|----------------------------|---|
| 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. |
| 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

Over-exposure signs/symptoms

Eye contact : No specific data.

| Date of issue/Date of revision | : 02/12/2022 | Date of previous issue | : No previous validation | Version : 1 | 2/13 |
|---------------------------------|--------------|------------------------|--------------------------|---------------|------|
| INFRALIT EP/PE 8087-18 - All va | riants | | | Label No :431 | 55 |

| SECTION 4: First aid | | | |
|--|--|--|--|
| Inhalation | : No specific data. | | |
| Skin contact | : No specific data. | | |
| Ingestion | : No specific data. | | |
| 4.3 Indication of any immedi | ate 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: Firefigh | ting 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 f | rom the substance or mixture | | |
| Hazards from the substance or mixture | This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. | | |
| Hazardous combustion products | : Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides | | |
| 5.3 Advice for firefighters | | | |
| Special protective actions for fire-fighters | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. | | |
| Special protective equipment for fire-fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. | | |
| SECTION 6: Acciden | tal release measures | | |
| 6.1 Personal precautions, pr | otective 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 | | |

6.2 Environmental information in "For non-emergency personnel".
 6.2 Environmental and runoff and contact with soil, waterways, drains and sewers Inform the relevant authorities if the product has caused environmental

precautions Avoid dispersal of spin material and runoin and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

6.3 Methods and material for containment and cleaning up

Small spill: Move containers from spill area. Vacuum or sweep up material and place in a
designated, labelled waste container. Dispose of via a licensed waste disposal
contractor.

SECTION 6: Accidental release measures

| La | rge | sp | oill |
|----|-----|----|------|
| | | | |

: Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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 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.

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Occupational exposure limit | <u>s</u> |
|-----------------------------------|---|
| Aluminium oxide | EH40/2005 WELs (United Kingdom (UK), 1/2020). [aluminium oxides] |
| | TWA: 4 mg/m ³ 8 hours. Form: respirable dust |
| | TWA: 10 mg/m ³ 8 hours. Form: inhalable dust |
| 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 appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. |
| DNELs/DMELs | |

| Product/ingredient name | Туре | Exposure | Value | Population | Effects |
|---------------------------------------|-------|--------------------------------|------------------------|-----------------------|------------|
| itanium dioxide | DNEL | Long term | 10 mg/m ³ | Workers | Local |
| | | Inhalation | Ũ | | |
| | DNEL | Long term Oral | 700 mg/kg | General | Systemic |
| | | | bw/day | population | |
| zinc di(benzothiazol-2-yl) disulphide | DNEL | Short term Oral | 3 mg/kg | General | Systemic |
| | | | bw/day | population | |
| | DNEL | Short term | 5.2 mg/m³ | General | Systemic |
| | | Inhalation | | population | |
| | DNEL | Short term Dermal | 6 mg/kg | General | Systemic |
| | DNEL | Short term Dermal | bw/day | population Workers | Svotomio |
| | DINEL | Short term Dermai | 12 mg/kg bw/day | vvorkers | Systemic |
| | DNEL | Short term | 21 mg/m ³ | Workers | Systemic |
| | DINCL | Inhalation | z i mg/m | WOIKEIS | Oysternic |
| | DNEL | Long term Oral | 0.6 mg/kg | General | Systemic |
| | | | bw/day | population | |
| | DNEL | Long term | 1 mg/m ³ | General | Systemic |
| | | Inhalation | Ŭ | population | 5 |
| | DNEL | Long term Dermal | 1.2 mg/kg | General | Systemic |
| | | | bw/day | population | |
| | DNEL | Long term Dermal | 3.3 mg/kg | Workers | Systemic |
| | | | bw/day | | |
| | DNEL | Long term | 5.9 mg/m³ | Workers | Systemic |
| | | Inhalation | 50 | 0 | 0 |
| propylidynetrimethanol | DNEL | Short term Oral | 50 mg/kg | General | Systemic |
| | DNEL | Short term Dermal | bw/day 83.3 mg/ | population General | Svetemie |
| | DINEL | Short term Derma | kg bw/day | population | Systemic |
| | DNEL | Short term Dermal | 138.8 mg/ | Workers | Systemic |
| | DIVLL | Chort term Derma | kg bw/day | Workers | Cysternie |
| | DNEL | Short term | 925 mg/m ³ | General | Systemic |
| | | Inhalation | J | population | , |
| | DNEL | Short term | 3037.3 mg/ | Workers | Systemic |
| | | Inhalation | m³ | | |
| | DNEL | Long term Oral | 0.34 mg/ | General | Systemic |
| | | | kg bw/day | population | |
| | DNEL | Long term Dermal | 0.34 mg/ | General | Systemic |
| | | 1 | kg bw/day | population | 0 |
| | DNEL | Long term | 0.58 mg/m ³ | General | Systemic |
| | DNEL | Inhalation Long term Dermal | 0.94 mg/ | population Workers | Systemic |
| | DINLL | Long term Derma | kg bw/day | WUIKEIS | Systemic |
| | DNEL | Long term | 3.3 mg/m^3 | Workers | Systemic |
| | DIVLL | Inhalation | 0.0 mg/m | Workers | Cysternie |
| Aluminium oxide | DNEL | Long term | 0.75 mg/m ³ | General | Local |
| | | Inhalation | 5 | population | |
| | DNEL | Long term | 0.75 mg/m ³ | General | Systemic |
| | | Inhalation | | population | |
| | DNEL | Long term Oral | 1.32 mg/ | General | Systemic |
| | | | kg bw/day | population | |
| | DNEL | Long term | 3 mg/m³ | Workers | Local |
| | | Inhalation | 0 | | Our target |
| | DNEL | Long term | 3 mg/m³ | Workers | Systemic |
| | | Inhalation | | | |

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

SECTION 8: Exposure controls/personal protection

| 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. | | | |
| 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. | | | |
| | Recommendations :Wear gloves according to EN374 to protect against skin effects from powders. | | | |
| | > 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm | | | |
| 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. | | | |
| | Filter type: P 2 | | | |
| 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

| <u>Appearance</u> | |
|--|--|
| Physical state | : Solid. |
| Colour | : Various |
| Odour | : Slight |
| Odour threshold | : Not available. |
| Melting point/freezing point | : Not available. |
| Initial boiling point and boiling range | : Not available. |
| Flammability (solid, gas) | : Not available. |
| Upper/lower flammability or explosive limits | : Lower: Not applicable. Upper: Not applicable. |
| Flash point | : Not applicable. |
| Auto-ignition temperature | : Not applicable. |
| Decomposition temperature | : Not available. |
| рН | : Not available. |
| Viscosity | : Not applicable. |
| Date of issue/Date of revision | : 02/12/2022 Date of previous |

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: No previous validation

SECTION 9: Physical and chemical properties

| Solubility(ies) | : | |
|---|---|-----------------|
| Not available. | | |
| Solubility in water | : | Not available. |
| Partition coefficient: n-octanol/ water | : | Not applicable. |
| Vapour pressure | : | Not available. |
| Relative density | 1 | Not available. |
| Density | ÷ | 1.5 g/cm³ |
| Vapour density | 1 | Not applicable. |
| Explosive properties | 1 | Not available. |
| Oxidising properties | 1 | Not available. |
| Particle characteristics | | |
| Median particle size | ÷ | 40 µm |
| | | |

SECTION 10: Stability and reactivity

| 10.1 Reactivity | No specific test data related to reactivity available for this product or its ingredi | ients. |
|--|---|--------|
| 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 occu | ur. |
| 10.4 Conditions to avoid | No specific data. | |
| 10.5 Incompatible materials | No specific data. | |
| 10.6 Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition produce should not be produced. | cts |

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|--|-----------|---------|-------------|----------|
| zinc di(benzothiazol-2-yl) disulphide | LD50 Oral | Rat | 540 mg/kg | - |
| propylidynetrimethanol | LD50 Oral | Rat | 14000 mg/kg | - |

Conclusion/Summary : Based on available data, the classification criteria are not met.

Acute toxicity estimates

| Route | ATE value |
|----------------|-----------|
| Not available. | |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Obs | servation |
|---|----------------------------------|--------------------|-------------|----------------------|-------|-----------|
| titanium dioxide | Skin - Mild irritant | Human | - | 72 hours 300 ug l | - | |
| Conclusion/Summary Sensitisation | Based on available data, the o | classification cri | teria are | not met. | | |
| Conclusion/Summary <u>Mutagenicity</u> | : Based on available data, the o | classification cri | teria are | not met. | | |
| Conclusion/Summary | : Based on available data, the o | classification cri | teria are | not met. | | |
| Date of issue/Date of revision | : 02/12/2022 Date of previous is | sue : No p | revious val | idation Versi | on :1 | 7/13 |

SECTION 11: Toxicological information

Carcinogenicity

It has been observed that the carcinogenic hazard of this product arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.

| | ent of particle clearance mechanisms in the lung. |
|--------------------------------|---|
| Conclusion/Summary | : Based on available data, the classification criteria are not met. |
| Reproductive toxicity | |
| Conclusion/Summary | : Based on available data, the classification criteria are not met. |
| <u>Teratogenicity</u> | |
| Conclusion/Summary | : Based on available data, the classification criteria are not met. |
| Specific target organ toxicit | <u>y (single exposure)</u> |
| Not available. | |
| Specific target organ toxicit | <u>y (repeated exposure)</u> |
| Not available. | |
| Aspiration hazard | |
| Not available. | |
| | |
| Information on likely routes | . Not available |
| of exposure | |
| Potential acute health effects | |
| Eye contact | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |
| | |
| Symptoms related to the phy | sical, 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 office | ts as well as chronic effects from short and long-term exposure |
| Short term exposure | ts as well as chronic ellects from short and long-term exposure |
| Potential immediate | : Not available. |
| effects | |
| Potential delayed effects | : Not available. |
| Long term exposure | |
| Potential immediate effects | : Not available. |
| Potential delayed effects | : Not available. |
| Potential chronic health effe | ects |
| 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. |

Other information : Not available.

SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|--|--|----------|
| titanium dioxide | Acute LC50 3 mg/l Fresh water | Crustaceans - Water flea - Ceriodaphnia dubia - Neonate | 48 hours |
| | Acute LC50 6.5 mg/l Fresh water | Daphnia - Water flea - Daphnia pulex - Neonate | 48 hours |
| | Acute LC50 >1000000 μg/l Marine water | Fish - Mummichog - Fundulus heteroclitus | 96 hours |
| propylidynetrimethanol | Acute EC50 13000000 µg/l Fresh water | Daphnia - Water flea - Daphnia magna | 48 hours |
| | Acute LC50 14400000 μg/l Marine water | Fish - Sheepshead minnow - Cyprinodon variegatus | 96 hours |
| Aluminium oxide | Acute EC50 114.357 mg/l Fresh water | Daphnia - Water flea - Daphnia magna - Neonate | 48 hours |

Conclusion/Summary : Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

Conclusion/Summary

: This product has not been tested for biodegradation.

12.3 Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|--|--------------------|-----|-----------|
| zinc di(benzothiazol-2-yl) disulphide | 5.02 | <8 | low |
| propylidynetrimethanol | -0.47 | <1 | low |

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

12.5 Results of PBT and vPvB assessment

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

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

SECTION 13: Disposal considerations

| 13.1 Waste treatment meth | nods |
|-----------------------------------|---|
| 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 | : The classification of the product may meet the criteria for a hazardous waste. |
| European waste catalogue (EWC) | : 080201 |
| 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. |

SECTION 13: Disposal considerations

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 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 according to IMO instruments

: Not relevant/applicable due to nature of the product.

SECTION 15: Regulatory information

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

UK (GB) /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.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

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

Seveso Directive

This product is not controlled under the Seveso Directive.

SECTION 15: Regulatory information

EU regulations

 Industrial emissions
 : Not listed

 (integrated pollution

 prevention and control)

 Air

 Industrial emissions
 : Not listed

 (integrated pollution

 prevention and control)

 Water

 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.

| 15.2 Chemical safety | 1 | This product contains substances for which Chemical Safety Assessments are still |
|----------------------|---|--|
| assessment | | required. |

SECTION 16: Other information

Indicates information that has changed from previously issued version.

| | 5 I J |
|-------------------|---|
| Abbreviations and | : ATE = Acute Toxicity Estimate |
| acronyms | GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and |
| - | Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 |
| | No. 720 and amendments |
| | DMEL = Derived Minimal Effect Level |
| | DNEL = Derived No Effect Level |
| | EUH statement = GB CLP-specific Hazard statement |
| | N/A = Not available |
| | PBT = Persistent, Bioaccumulative and Toxic |
| | PNEC = Predicted No Effect Concentration |
| | RRN = REACH Registration Number |
| | SGG = Segregation Group |
| | vPvB = Very Persistent and Very Bioaccumulative |

Procedure used to derive the classification

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

Full text of abbreviated H statements

| H317 | May cause an allergic skin reaction. |
|-------|---|
| H351 | Suspected of causing cancer. |
| H361d | Suspected of damaging the unborn child. |
| 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

| SECTION 16: Other information | | | | | | | | |
|--|--|-----------------------------|----|--|--|--|--|--|
| Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 3 Carc. 2 Repr. 2 Skin Sens. 1B | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 CARCINOGENICITY - Category 2 REPRODUCTIVE TOXICITY - Category 2 SKIN SENSITISATION - Category 1B | | | | | | | |
| Date of issue/ Date of revision | : | 02/12/2022 | | | | | | |
| Date of previous issue |) : | No previous validation | on | | | | | |
| Version | : | 1 INFRALIT EP/PE 8087-18 | | | | | | |

Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

Date of issue/Date of revision : 02/12/2022 INFRALIT EP/PE 8087-18 - All variants