# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

# MAT000400918

| Version | Revision Date: | SDS Number: | Date of last issue: 19.08.2021 |
|---|---|---|---|
| 1.1 | 19.11.2025 | MAT000400918 GB/EN | Date of first issue: 19.08.2021 |

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

### 1.1 Product identifier

Trade name : MAT000400918

Product code : 400918

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

Use of the Sub-stance/Mixture : PC9a: Coatings and paints, thinners, paint removers

Recommended restrictions on use : Reserved for industrial and professional use.

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

Company : KANSAI HELIOS Slovenija d.o.o.
Količevo 65
1230 Domžale
Slovenia

Telephone Company : 386 (1) 722 4383

Telefax Company : 386 (1) 722 4310

Responsible/issuing person : 386 (1) 722 4383
productsafety@kansai-helios.si

### 1.4 Emergency telephone number

Call 999 (or 112) for emergency medical attention

professionals only: National Poison Information Service (NPIS) 24h national number 0844 892 0111

consumer: National Health Service (NHS) 24h national number, England & Scotland 111

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

| | |
|---|---|
| Flammable liquids, Category 3 | H226: Flammable liquid and vapour. |
| Acute toxicity, Category 4 | H332: Harmful if inhaled. |
| Acute toxicity, Category 4 | H312: Harmful in contact with skin. |
| Skin irritation, Category 2 | H315: Causes skin irritation. |
| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Skin sensitisation, Category 1 | H317: May cause an allergic skin reaction. |
| Germ cell mutagenicity, Category 2 | H341: Suspected of causing genetic defects. |
| Reproductive toxicity, Category 1B | H360FD: May damage fertility. May damage the unborn child. |
| Specific target organ toxicity - single exposure, Category 2 | H371: May cause damage to organs. |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system | H335: May cause respiratory irritation. |
| Specific target organ toxicity - repeated exposure, Category 2 | H373: May cause damage to organs through prolonged or repeated exposure. |
| Long-term (chronic) aquatic hazard, Category 2 | H411: Toxic to aquatic life with long lasting effects. |

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Hazard pictograms :

Signal word : Danger

Hazard statements :

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| H312 + H332 | Harmful in contact with skin or if inhaled. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H341 | Suspected of causing genetic defects. |
| H360FD | May damage fertility. May damage the unborn child. |
| H371 | May cause damage to organs. |
| H373 | May cause damage to organs through prolonged |

or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**

P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe mist or vapours.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

**Response:**

P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P391 Collect spillage.

Hazardous components which must be listed on the label:
reaction mixture of ethylbenzene, m-xylene and p-xylene
dibutyltin dilaurate

**Additional Labelling**

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Paint related material

**Components**

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification | Concentration (% w/w) |
|---|---|---|---|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | 1330-20-7<br><br>905-562-9<br>01-2119555267-33 | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319 | >= 90 - <= 100 |

| | | | |
|---|---|---|---|
| | | STOT SE 3; H335 (Respiratory system)<br>STOT RE 2; H373<br>Asp. Tox. 1; H304 | |
| dibutyltin dilaurate | 77-58-7<br><br>201-039-8<br>050-030-00-3<br>01-2119496068-27 | Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Muta. 2; H341<br>Repr. 1B; H360FD<br>STOT SE 1; H370<br>STOT RE 1; H372 (Immune system)<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410 | >= 2,5 - < 10 |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

### 4.2 Most important symptoms and effects, both acute and delayed

Risks : Harmful in contact with skin or if inhaled.

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause respiratory irritation.
Suspected of causing genetic defects.
May damage fertility. May damage the unborn child.
May cause damage to organs.
May cause damage to organs through prolonged or repeated exposure.

Harmful in contact with skin or if inhaled.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause respiratory irritation.
Suspected of causing genetic defects.
May damage fertility. May damage the unborn child.
May cause damage to organs.
May cause damage to organs through prolonged or repeated exposure.

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

Treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

| | | |
|---|---|---|
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>For safety reasons in case of fire, cans should be stored separately in closed containments.<br>Use a water spray to cool fully closed containers. |

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

| | | |
|---|---|---|
| Personal precautions | : | Use personal protective equipment.<br>Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. |

### 6.2 Environmental precautions

| | | |
|---|---|---|
| Environmental precautions | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |

### 6.3 Methods and material for containment and cleaning up

| | | |
|---|---|---|
| Methods for cleaning up | : | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

| | | |
|---|---|---|
| Advice on safe handling | : | Avoid formation of aerosol.<br>Do not breathe vapours/dust.<br>Avoid exposure - obtain special instructions before use.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Take precautionary measures against static discharges.<br>Provide sufficient air exchange and/or exhaust in work rooms. |

Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : For further information, refer to the product technical data sheet.

Consult the technical guidelines for the use of this substance/mixture.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---|---|---|---|---|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | 1330-20-7 | TWA | 50 ppm<br>220 mg/m3 | GB EH40 |
| | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will | | | |

| | | | | |
|---|---|---|---|---|
| | lead to systemic toxicity. | | | |
| | | STEL | 100 ppm<br>441 mg/m3 | GB EH40 |
| | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | | | |
| | | TWA | 50 ppm<br>221 mg/m3 | 2000/39/EC |
| | Further information: Identifies the possibility of significant uptake through the skin, Indicative | | | |
| | | STEL | 100 ppm<br>442 mg/m3 | 2000/39/EC |
| | Further information: Identifies the possibility of significant uptake through the skin, Indicative | | | |
| dibutyltin dilaurate | 77-58-7 | TWA | 0,1 mg/m3<br>(Tin) | GB EH40 |
| | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | | | |
| | | STEL | 0,2 mg/m3<br>(Tin) | GB EH40 |
| | Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. | | | |

**Biological occupational exposure limits**

| Substance name | CAS-No. | Control parameters | Sampling time | Basis |
|---|---|---|---|---|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | 1330-20-7 | methyl hippuric acid: 650 Millimoles per mole creatinine<br>(Urine) | After shift | GB EH40 BAT |

**Derived No Effect Level (DNEL)**

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|---|---|---|---|---|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | Workers | Inhalation | Long-term systemic effects | 77 mg/m3 |
| | Consumers | Inhalation | Long-term local effects | 65,3 mg/m3 |
| | Workers | Inhalation | Acute systemic effects | 442 mg/m3 |
| | Workers | Inhalation | Acute local effects | 289 mg/m3 |
| | Consumers | Inhalation | Acute systemic effects | 260 mg/m3 |
| | Workers | Inhalation | Long-term local effects | 221 mg/m3 |

| | | | | |
|---|---|---|---|---|
| | Consumers | Inhalation | Long-term systemic effects | 14,8 mg/m3 |
| | Consumers | Inhalation | Acute local effects | 260 mg/m3 |
| | Consumers | Dermal | Long-term systemic effects | 108 mg/kg bw/day |
| | Consumers | Oral | Long-term systemic effects | 16 mg/kg bw/day |
| | Workers | Dermal | Long-term systemic effects | 180 mg/kg bw/day |
| dibutyltin dilaurate | Workers | Inhalation | Long-term systemic effects | 0,02 mg/m3 |
| | Consumers | Inhalation | Long-term systemic effects | 0,0046 mg/m3 |
| | Consumers | Inhalation | Acute systemic effects | 0,04 mg/m3 |
| | Workers | Dermal | Long-term systemic effects | 0,43 mg/kg bw/day |
| | Workers | Dermal | Acute systemic effects | 2,08 mg/kg bw/day |
| | Consumers | Dermal | Long-term systemic effects | 0,16 mg/kg bw/day |
| | Consumers | Dermal | Acute systemic effects | 0,5 mg/kg bw/day |
| | Consumers | Oral | Long-term systemic effects | 0,0031 mg/kg bw/day |
| | Consumers | Oral | Acute systemic effects | 0,02 mg/kg bw/day |

**Predicted No Effect Concentration (PNEC)**

| Substance name | Environmental Compartment | Value |
|---|---|---|
| reaction mixture of ethylbenzene, m-xylene and p-xylene | Soil | 2,31 mg/kg dry weight (d.w.) |
| | Marine water | 0,327 mg/l |
| | Fresh water | 0,327 mg/l |
| | Marine sediment | 12,46 mg/kg dry weight (d.w.) |
| | Fresh water sediment | 12,46 mg/kg dry weight (d.w.) |
| | Sewage treatment plant | 6,58 mg/l |
| | Intermittent use/release | 0,327 mg/l |
| dibutyltin dilaurate | Fresh water | 0,000463 mg/l |
| | Sewage treatment plant | 100 mg/l |
| | Intermittent use/release | 0,00463 mg/l |

### 8.2 Exposure controls

**Personal protective equipment**

Eye/face protection : Equipment should conform to EN 166
Eye wash bottle with pure water

Tightly fitting safety goggles

Hand protection

| | | |
|---|---|---|
| Gloves | : | Viton® (> 0,6 mm; < 240 min); ISO EN374<br>PE laminate (> 0,1 mm; < 240 min); ISO EN374 |
| Remarks | : | The suitability for a specific workplace should be discussed with the producers of the protective gloves.<br>Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. |
| Skin and body protection | : | Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Respiratory protection | : | Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. |
| Filter type | : | Organic vapour type (A) |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | | |
|---|---|---|
| Appearance | : | liquid |
| Colour | : | colourless |
| Odour | : | solvent-like |
| Odour Threshold | : | No data available |
| pH | : | Not applicable |
| Melting point/freezing point | : | -47,9 - 13,3 °C<br>(calculation method (principal components, lowest value)) |
| Boiling point/boiling range | : | 138 - 141,4 °C (calculation method (principal components, lowest value)) |
| Flash point | : | 31 °C |
| Evaporation rate | : | No data available |

| | | |
|---|---|---|
| Flammability | : | Static-accumulating flammable liquid., Combustible Solids |
| Upper explosion limit / Upper flammability limit | : | 6,6 %(V)<br>(calculation method (principal components, highest value)) |
| Lower explosion limit / Lower flammability limit | : | 1,1 %(V)<br>(calculation method (principal components, highest value)) |
| Vapour pressure | : | 8,21 hPa (calculation method (principal components, highest value))<br><br>(20 °C) |
| Relative vapour density | : | No data available |
| Relative density | : | 0,90 (calculation method (principal components, highest value)) |
| Density | : | 0,870 g/cm3 |
| Solubility(ies) | | |
| Water solubility | : | immiscible, partly soluble |
| Solubility in other solvents | : | No data available |
| Partition coefficient: n-octanol/water | : | log Pow: 2,77 - 3,15 (calculation method (principal components, highest value)) |
| Ignition temperature | : | 465 - 525 °C (calculation method (principal components, highest value)) |
| Decomposition temperature | : | No decomposition if used as directed.<br>Hazardous decomposition products formed under fire conditions. |
| Viscosity | | |
| Viscosity, kinematic | : | > 20,5 mm2/s (40 °C) |
| Explosive properties | : | Not applicable |

Oxidizing properties : Sustains combustion

**9.2 Other information**

No data available

VOC : (Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control))
97 %

## SECTION 10: Stability and reactivity

**10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : Incompatible with strong acids and bases.

**10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity**

Harmful in contact with skin or if inhaled.
Harmful in contact with skin or if inhaled.

**Product:**

Acute inhalation toxicity : Acute toxicity estimate: 11,34 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: 1.135 mg/kg
Method: Calculation method

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Acute oral toxicity : LD50 Oral (Rat): >= 8.700 mg/kg

Acute inhalation toxicity : LC50 (Rat): 27,14 mg/l
Test atmosphere: vapour

Acute dermal toxicity : Assessment: The component/mixture is moderately toxic after single contact withskin.

**Skin corrosion/irritation**

Causes skin irritation.
Causes skin irritation.

**Product:**

Remarks : May cause skin irritation and/or dermatitis.

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Result : irritating

**Serious eye damage/eye irritation**

Causes serious eye irritation.
Causes serious eye irritation.

**Product:**

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Result : Eye irritation

**dibutyltin dilaurate:**

Result : Eye irritation

**Respiratory or skin sensitisation**

**Skin sensitisation**
May cause an allergic skin reaction.

**Skin sensitisation**
May cause an allergic skin reaction.

**Respiratory sensitisation**
Not classified based on available information.

**Respiratory sensitisation**
Not classified due to lack of data.

**Product:**

| | | |
|---|---|---|
| Remarks | : | Causes sensitisation. |

**Components:**

**dibutyltin dilaurate:**

| | | |
|---|---|---|
| Result | : | Probability or evidence of skin sensitisation in humans |

**Germ cell mutagenicity**
Suspected of causing genetic defects.
Suspected of causing genetic defects.

**Components:**

**dibutyltin dilaurate:**

| | | |
|---|---|---|
| Germ cell mutagenicity- Assessment | : | In vitro tests showed mutagenic effects |

**Carcinogenicity**
Not classified based on available information.
Not classified due to lack of data.

**Reproductive toxicity**
May damage fertility. May damage the unborn child.
May damage fertility. May damage the unborn child.

**Components:**

**dibutyltin dilaurate:**

| | | |
|---|---|---|
| Reproductive toxicity - Assessment | : | Clear evidence of adverse effects on sexual function and fertility ,and/or on development, based on animal experiments |

**STOT - single exposure**

May cause respiratory irritation.
May cause damage to organs.
May cause respiratory irritation.
May cause damage to organs.

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Assessment : May cause respiratory irritation.

**dibutyltin dilaurate:**

Assessment : Causes damage to organs.

**STOT - repeated exposure**

May cause damage to organs through prolonged or repeated exposure.
May cause damage to organs through prolonged or repeated exposure.

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

Assessment : May cause damage to organs through prolonged or repeated exposure.

**dibutyltin dilaurate:**

Assessment : Causes damage to organs through prolonged or repeated exposure.

**Aspiration toxicity**

Not classified based on available information.
Not classified due to lack of data.

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

May be fatal if swallowed and enters airways.

**Further information**

**Product:**

Remarks : Solvents may degrease the skin.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Fish): >= 1 - 10 mg/l |
| Toxicity to daphnia and other aquatic invertebrates | : | LC50 (Daphnia (water flea)): >= 1 - 10 mg/l |
| Toxicity to microorganisms | : | EC50 (Bacteria): >= 1 - 100 mg/l |

**dibutyltin dilaurate:**

**Ecotoxicology Assessment**

| | | |
|---|---|---|
| Acute aquatic toxicity | : | Very toxic to aquatic life. |
| Chronic aquatic toxicity | : | Very toxic to aquatic life with long lasting effects. |

### 12.2 Persistence and degradability

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

| | | |
|---|---|---|
| Biodegradability | : | Remarks: Readily biodegradable. |
| Photodegradation | : | Remarks: Decomposes rapidly in contact with light. |

### 12.3 Bioaccumulative potential

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

| | | |
|---|---|---|
| Bioaccumulation | : | Bioconcentration factor (BCF): 25,9<br>Remarks: Bioaccumulation is unlikely. |
| Partition coefficient: n-octanol/water | : | log Pow: 2,77 - 3,15 |

### 12.4 Mobility in soil

**Components:**

**reaction mixture of ethylbenzene, m-xylene and p-xylene:**

| | | |
|---|---|---|
| Distribution among environmental compartments | : | Koc: 537, log Koc: 2,73<br>Remarks: Moderately mobile in soils<br>The product evaporates from soil. |
| Stability in soil | : | Dissipation time: 23 d<br>Percentage dissipation: 50 % (DT50) |

### 12.5 Results of PBT and vPvB assessment

**Product:**

| | | |
|---|---|---|
| Assessment | : | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |

### 12.6 Other adverse effects

**Product:**

| | | |
|---|---|---|
| Endocrine disrupting potential | : | This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f). |
| Additional ecological information | : | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.<br>Toxic to aquatic life with long lasting effects. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

| | | |
|---|---|---|
| Product | : | The product should not be allowed to enter drains, water courses or the soil.<br>Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Send to a licensed waste management company. |
| Contaminated packaging | : | Empty remaining contents.<br>Dispose of as unused product.<br>Do not re-use empty containers.<br>Do not burn, or use a cutting torch on, the empty drum. |

## SECTION 14: Transport information

### 14.1 UN number

| | | |
|---|---|---|
| **ADN** | : | UN 1263 |
| **ADR** | : | UN 1263 |
| **RID** | : | UN 1263 |
| **IMDG** | : | UN 1263 |
| **IATA** | : | UN 1263 |

### 14.2 UN proper shipping name

| | | |
|---|---|---|
| **ADN** | : | PAINT RELATED MATERIAL |
| **ADR** | : | PAINT RELATED MATERIAL |
| **RID** | : | PAINT RELATED MATERIAL |
| **IMDG** | : | PAINT RELATED MATERIAL<br>(dibutyltin dilaurate) |
| **IATA** | : | Paint related material |

### 14.3 Transport hazard class(es)

| | | Class | Subsidiary risks |
|---|---|---|---|
| **ADN** | : | 3 | |
| **ADR** | : | 3 | |
| **RID** | : | 3 | |
| **IMDG** | : | 3 | |
| **IATA** | : | 3 | |

### 14.4 Packing group

**ADN**

| | | |
|---|---|---|
| Packing group | : | III |
| Classification Code | : | F1 |
| Hazard Identification Number | : | 30 |
| Labels | : | 3 |

**ADR**

| | | |
|---|---|---|
| Packing group | : | III |
| Classification Code | : | F1 |
| Hazard Identification Number | : | 30 |
| Labels | : | 3 |
| Tunnel restriction code | : | (D/E) |

**RID**

| | | |
|---|---|---|
| Packing group | : | III |

| | | |
|---|---|---|
| Classification Code | : | F1 |
| Hazard Identification Number | : | 30 |
| Labels | : | 3 |

**IMDG**

| | | |
|---|---|---|
| Packing group | : | III |
| Labels | : | 3 |
| EmS Code | : | F-E, S-E |

**IATA (Cargo)**

| | | |
|---|---|---|
| Packing instruction (cargo aircraft) | : | 366 |
| Packing instruction (LQ) | : | Y344 |
| Packing group | : | III |
| Labels | : | Flammable Liquids |

**IATA (Passenger)**

| | | |
|---|---|---|
| Packing instruction (passenger aircraft) | : | 355 |
| Packing instruction (LQ) | : | Y344 |
| Packing group | : | III |
| Labels | : | Flammable Liquids |

### 14.5 Environmental hazards

**ADN**
Environmentally hazardous : yes

**ADR**
Environmentally hazardous : yes

**RID**
Environmentally hazardous : yes

**IMDG**
Marine pollutant : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

| | | |
|---|---|---|
| UK REACH List of restrictions (Annex 17) | : | Conditions of restriction for the following entries should be considered: Number on list 3<br><br>Number on list 30: dibutyltin dilaurate |
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation | : | Not applicable |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) | : | Not applicable |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer | : | Not applicable |
| UK REACH List of substances subject to authorisation (Annex XIV) | : | Not applicable |
| GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation | : | dibutyltin dilaurate |

| | | |
|---|---|---|
| Control of Major Accident Hazards Regulations 2015 (COMAH) | P5c | FLAMMABLE LIQUIDS |
| | E2 | ENVIRONMENTAL HAZARDS |

| | | |
|---|---|---|
| Volatile organic compounds | : | Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 97 % |

**Other regulations:**

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

## SECTION 16: Other information

**Full text of H-Statements**

| | | |
|---|---|---|
| H226 | : | Flammable liquid and vapour. |
| H304 | : | May be fatal if swallowed and enters airways. |
| H312 | : | Harmful in contact with skin. |
| H315 | : | Causes skin irritation. |
| H317 | : | May cause an allergic skin reaction. |
| H319 | : | Causes serious eye irritation. |
| H332 | : | Harmful if inhaled. |
| H335 | : | May cause respiratory irritation. |
| H341 | : | Suspected of causing genetic defects. |
| H360FD | : | May damage fertility. May damage the unborn child. |
| H370 | : | Causes damage to organs. |
| H372 | : | Causes damage to organs through prolonged or repeated exposure. |
| H373 | : | May cause damage to organs through prolonged or repeated exposure. |
| H400 | : | Very toxic to aquatic life. |
| H410 | : | Very toxic to aquatic life with long lasting effects. |

**Full text of other abbreviations**

| | | |
|---|---|---|
| Acute Tox. | : | Acute toxicity |
| Aquatic Acute | : | Short-term (acute) aquatic hazard |
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard |
| Asp. Tox. | : | Aspiration hazard |
| Eye Irrit. | : | Eye irritation |
| Flam. Liq. | : | Flammable liquids |
| Muta. | : | Germ cell mutagenicity |
| Repr. | : | Reproductive toxicity |
| Skin Irrit. | : | Skin irritation |
| Skin Sens. | : | Skin sensitisation |
| STOT RE | : | Specific target organ toxicity - repeated exposure |
| STOT SE | : | Specific target organ toxicity - single exposure |
| 2000/39/EC | : | Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values |
| GB EH40 | : | UK. EH40 WEL - Workplace Exposure Limits |
| GB EH40 BAT | : | UK. Biological monitoring guidance values |
| 2000/39/EC / TWA | : | Limit Value - eight hours |
| 2000/39/EC / STEL | : | Short term exposure limit |
| GB EH40 / TWA | : | Long-term exposure limit (8-hour TWA reference period) |
| GB EH40 / STEL | : | Short-term exposure limit (15-minute reference period) |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -

European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

| **Classification of the mixture:** | | **Classification procedure:** |
|---|---|---|
| Flam. Liq. 3 | H226 | Based on product data or assessment |
| Acute Tox. 4 | H332 | Calculation method |
| Acute Tox. 4 | H312 | Calculation method |
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |
| Muta. 2 | H341 | Calculation method |
| Repr. 1B | H360FD | Calculation method |
| STOT SE 2 | H371 | Calculation method |
| STOT SE 3 | H335 | Calculation method |
| STOT RE 2 | H373 | Calculation method |
| Aquatic Chronic 2 | H411 | Calculation method |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.