Safety Data Sheet

acc. to The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)

Hidersine Hiderpaste (SKU: 30H / 333)

Version number: 2.0 Revision: 2023-08-01 Replaces version of: 2023-07-28 (1) First version: 2023-07-28

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

Product identifier 9110-D0Y8-J00P-09PY

Trade name <u>Hiderpaste</u>

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

Relevant identified usesTo prevent violin pegs slipping

1.3 Details of the supplier of the safety data sheet

Barnes and Mullins Ltd, Unit 14, Mile Oak Ind Estate, SY10 8GA Oswestry, Shropshire

United Kingdom

1.4

Mark.taylor@bandm.co.uk

Telephone: 0044 (0)1691 652449 Telefax: 0044 (0)1691 655582

Emergency telephone number

e-mail (competent person)

As above or nearest toxicological information centre.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (acc. to GB CLP)

| Classifica | Classification | | | | | | | |
|------------|--|----------|---------------------------|-----------------------|--|--|--|--|
| Section | Hazard class | Category | Hazard class and category | Hazard state- ment | | | | |
| 2.7 | flammable solid | 1 | Flam. Sol. 1 | H228 | | | | |
| 4.1C | hazardous to the aquatic environment - chronic hazard | 3 | Aquatic Chronic 3 | H412 | | | | |

For full text of abbreviations: see SECTION 16

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling (acc. to GB CLP)

Signal word danger

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Pictograms

GHS02



Hazard statements

H228 Flammable solid.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P501 Dispose of contents/container in accordance with local/regional/national/interna-

tional regulations.

Additional labelling requirements

see section 15 of the safety data sheet

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of \geq 0,1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture

| Hazardous ingredients | | | | | | |
|------------------------------------|--|-------|---|------------|-------|--|
| Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms | Notes | |
| kerosine (petroleum), sweetened | CAS No 91770-15-9 EC No 294-799-5 | 5-<10 | Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411 | | - | |
| | Index No 649-427-00-X | | | | | |

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For full text of H-phrases: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Self-protection of the first aider.

Remove affected person from the danger area and lay down.

Do not leave affected person unattended.

Take off immediately all contaminated clothing.

In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air.

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth. Do not induce vomiting.

Get medical advice/attention if you feel unwell.

Notes for the doctor

None.

4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

water, foam, alcohol resistant foam, fire extinguishing powder

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Combustible.

Hazardous decomposition products: Section 10.

Deposited combustible dust has considerable explosion potential.

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Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO2)

5.3 Advice for firefighters

Keep containers cool with water spray.

In case of fire and/or explosion do not breathe fumes.

Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters

Wear self-contained breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

Ventilate affected area.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water.

Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Take up mechanically.

Advice on how to clean up a spill

Take up mechanically.

Collect spillage.

Other information relating to spills and releases

Place in appropriate containers for disposal.

Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10. Disposal considerations: see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharge.

Specific notes/details

None.

Measures to protect the environment

Avoid release to the environment.

Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.

Wash hands after use.

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible substances or mixtures

Incompatible materials: see section 10.

Protect against external exposure, such as

heat

Consideration of other advice

Keep away from food, drink and animal feeding stuffs.

Ventilation requirements

Provision of sufficient ventilation.

Specific designs for storage rooms or vessels

Keep container tightly closed and in a well-ventilated place.

Keep cool.

Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

No information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

| Coun- try | Name of agent | CAS No | Identi- fier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Nota- tion | Source |
|--------------|-----------------------|----------------|-----------------|--------------|----------------|---------------|-----------------|---------------|-----------|
| GB | iron salts | - | WEL | - | 1 | - | 2 | Fe | EH40/2005 |
| GB | talc | 14807- 96-6 | WEL | - | 1 | - | - | r, no_asb | EH40/2005 |
| GB | paraffin wax | 8002-74- 2 | WEL | - | 2 | - | 6 | fume | EH40/2005 |
| GB | cycloalkanes (>C7) | 8008-20- 6 | WEL | - | 800 | - | - | - | EH40/2005 |

Notation

Fe calculated as Fe (iron)

fume as fume

no_asb containing no asbestos fibres

r respirable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-

minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of

8 hours time-weighted average (unless otherwise specified)

8.2 Exposure controls

Appropriate engineering controls

Use local and general ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection. (EN 166).

Hand protection

Protective gloves

| Material | Material thickness | Breakthrough times of the glove material |
|--------------------------|--------------------|--|
| no information available | - | - |

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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Body protection

Protective clothing for use against solid particulates. (EN 13832, EN 340, EN 14605).

Respiratory protection

In case of inadequate ventilation wear respiratory protection. (EN 136, EN 140, EN 14387, EN 143, EN 149).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state solid

Colour black

Odour characteristic

Melting point/freezing point not determined

Boiling point or initial boiling point and boiling not determined

range

Flammability

flammable solid in accordance with GHS criteria

Lower and upper explosion limit not applicable

(solid)

Flash point not applicable

Auto-ignition temperature not applicable

(solid)

Decomposition temperature not relevant

pH (value) not applicable

Viscosity not relevant

(solid)

Solubility(ies)

Water solubility not determined

Partition coefficient n-octanol/water (log value) not determined

Vapour pressure not determined

Density and/or relative density

Density not determined

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Relative vapour density not applicable

Particle characteristics no data available

9.2 Other information

Information with regard to physical hazard

classes

there is no additional information

Other safety characteristics there is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions.

If heated:

Risk of ignition.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge.

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification procedure

If not otherwise specified the classification is based on:

Ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Test data are not available for the complete mixture.

Acute toxicity of components of the mixture

| Name of substance | CAS No | Expos- ure route | End- point | Value | Species | Method | Source |
|------------------------------------|------------|------------------------|---------------|---|---------|--------------------------|--------|
| kerosine (petroleum), sweetened | 91770-15-9 | oral | LD0 | >5,000 ^{mg} / _{kg} | rat | OECD Guideline 420 | ECHA |
| kerosine (petroleum), sweetened | 91770-15-9 | dermal | LD0 | >2,000 ^{mg} / _{kg} | rabbit | OECD Guideline 402 | ECHA |

Skin corrosion/irritation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Serious eye damage/eye irritation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Respiratory or skin sensitisation

Skin sensitisation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Respiratory sensitisation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Germ cell mutagenicity

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Carcinogenicity

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Reproductive toxicity

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Specific target organ toxicity - single exposure

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

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Specific target organ toxicity - repeated exposure

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of \geq 0,1%.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity (acute)

Test data are not available for the complete mixture.

Aquatic toxicity (acute) of components of the mixture

| Name of sub- stance | CAS No | Endpoint | Expos- ure time | Value | Species | Method | Source |
|---|------------|----------|-----------------------|------------------------------------|---|--------------------------|--------|
| kerosine (pet- roleum), sweetened | 91770-15-9 | LL50 | 96 h | 2 – 5 ^{mg} / _l | rainbow trout (Oncorhynchus mykiss) | OECD Guideline 203 | ЕСНА |
| kerosine (pet- roleum), sweetened | 91770-15-9 | LL50 | 72 h | 677.9 ^{mg} / _l | Tetrahymena pyriformis | - | ECHA |
| kerosine (pet- roleum), sweetened | 91770-15-9 | EL50 | 48 h | 1.4 ^{mg} / _l | daphnia magna | OECD Guideline 202 | ЕСНА |

Aquatic toxicity (chronic)

Harmful to aquatic life with long lasting effects.

Test data are not available for the complete mixture.

Aquatic toxicity (chronic) of components of the mixture

| Name of sub- stance | CAS No | Endpoint | Expos- ure time | Value | Species | Method | Source |
|---|------------|----------|-----------------------|-----------------------------------|---------------|--------------------------|--------|
| kerosine (pet- roleum), sweetened | 91770-15-9 | EL50 | 21 d | 0.81 ^{mg} / _l | daphnia magna | OECD Guideline 211 | ЕСНА |
| kerosine (pet- roleum), sweetened | 91770-15-9 | LOEL | 21 d | 0.48 ^{mg} / _l | daphnia magna | OECD Guideline 211 | ECHA |

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| Name of sub- stance | CAS No | Endpoint | Expos- ure time | Value | Species | Method | Source |
|---|------------|----------|-----------------------|--------------------------------|--|--------------------------|--------|
| kerosine (pet- roleum), sweetened | 91770-15-9 | LOEL | 72 h | 1 ^{mg} / _l | algae (raphido- celis subcapit- ata) | OECD Guideline 201 | ECHA |

12.2 Persistence and degradability

Biodegradation

No data available.

Persistence

No data available.

12.3 Bioaccumulative potential

Test data are not available for the complete mixture.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of \geq 0,1%.

12.7 Other adverse effects

Data are not available.

Remarks

Wassergefährdungsklasse, WGK (water hazard class): 1.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions.

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SECTION 14: Transport information

14.1 UN number

ICAO-TI

ADR/RID UN3175
IMDG-Code UN3175

14.2 UN proper shipping name

ADR/RID SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

UN3175

IMDG-Code SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

ICAO-TI Solids containing flammable liquid, n.o.s.

Technical name (hazardous ingredients) kerosine (petroleum), sweetened

14.3 Transport hazard class(es)

ADR/RID 4.1

IMDG-Code 4.1

ICAO-TI 4.1

14.4 Packing group

ADR/RID II

IMDG-Code II

ICAO-TI II

14.5 Environmental hazards -

14.6 Special precautions for user -

14.7 Maritime transport in bulk according to IMO -

instruments

14.8 Information for each of the UN Model Regulations

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). Additional information

Particulars in the transport document UN3175, SOLIDS CONTAINING FLAMMABLE LI-

QUID, N.O.S., (kerosine (petroleum), sweetened),

4.1, II, (E)

Classification code F1

Danger label(s) 4.1



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Special provisions (SP) 216, 274, 601, 800(ADN)

Excepted quantities (EQ) E2

Limited quantities (LQ) 1 kg

Transport category (TC) 2

Tunnel restriction code (TRC) E

Hazard identification No 40

Emergency Action Code 1Z

International Maritime Dangerous Goods Code (IMDG) Additional information

Marine pollutant -

Danger label(s) 4.1



Special provisions (SP) 216, 274

Excepted quantities (EQ) E2

Limited quantities (LQ) 1 kg

EmS F-A, S-I

Stowage category B

International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

Danger label(s) 4.1



Special provisions (SP) A46

Excepted quantities (EQ) E2

Limited quantities (LQ) 5 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Seveso Directive

Not assigned.

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

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Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

Regulation on drug precursors

None of the ingredients are listed.

Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

Regulation concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

National regulations (GB)

List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

None of the ingredients are listed

Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)

| Name of substance | Name acc. to inventory | CAS No | Conditions of restriction |
|---------------------------------|--|--------|---------------------------|
| kerosine (petroleum), sweetened | this product meets the criteria for clas- sification in accordance with Regula- tion No 1272/2008/EC | - | R3 |
| kerosine (petroleum), sweetened | flammable / pyrophoric | - | R40 |

Leaend

R3

- 1. Shall not be used in:
- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
- 2. Articles not complying with paragraph 1 shall not be placed on the market.
- 3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
- $\boldsymbol{-}$ can be used as fuel in decorative oil lamps for supply to the general public, and,
- present an aspiration hazard and are labelled with R65 or H304,
- 4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the British Standard Specification on Decorative oil lamps (BS EN 14059) adopted by the British Standards Institute.
- 5. Without prejudice to the implementation of other legislation relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
- (a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010 'Just a sip of lamp oil
- or even sucking the wick of lamps
- may lead to life-threatening lung damage';

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Legend

(b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as

follows: 'Just a sip of grill lighter may lead to life-threatening lung damage';

- (c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
- 7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the Agency.

R40

- 1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
- metallic glitter intended mainly for decoration,
- artificial snow and frost,
- 'whoopee' cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.
- 2. Without prejudice to the application of other legislation on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:

'For professional users only'.

- 3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (***).
- 4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

(***) OJ L 147, 9.6.1975, p. 40.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) |
|---------|---|--|
| 1.1 | Trade name: Hidersine 333M Violin Peg paste | Trade name: HiderPaste |
| 1.2 | Relevant identified uses: Rosin for violin bow | Relevant identified uses: To prevent violin pegs slipping |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|----------------|--|
| ADR | Accord relatif au transport international des marchandises dangereuses par route (Agreement con- cerning the International Carriage of Dangerous Goods by Road) |
| Aquatic Chron- | Hazardous to the aquatic environment - chronic hazard |
| Asp. Tox. | Aspiration hazard |

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| Abbr. | Descriptions of used abbreviations |
|-------------|---|
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| EC No | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) |
| EH40/2005 | EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EL50 | Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| Flam. Liq. | Flammable liquid |
| GB CLP | The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended) |
| GB REACH | The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended) |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| ICAO-TI | Technical instructions for the safe transport of dangerous goods by air |
| IMDG | International Maritime Dangerous Goods Code |
| IMDG-Code | International Maritime Dangerous Goods Code |
| index No | The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 |
| LL50 | Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality |
| LOEL | Lowest Observed Effect Level |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| ppm | Parts per million |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| Skin Corr. | Corrosive to skin |
| Skin Irrit. | Irritant to skin |

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| Abbr. | Descriptions of used abbreviations |
|---------|--|
| STEL | Short-term exposure limit |
| STOT SE | Specific target organ toxicity - single exposure |
| TWA | Time-weighted average |
| vPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |

Key literature references and sources for data

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended).

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/720 (as amended).

GB mandatory classification and labelling.

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

Regulations concerning the International Carriage of Dangerous Goods by Rail (RID).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text |
|------|--|
| H226 | Flammable liquid and vapour. |
| H228 | Flammable solid. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Responsible for the safety data sheet

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Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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