SAFETY DATA SHEET

# Spotcheck SKL-SP2 Aerosol

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

*Trade name:* Spotcheck SKL-SP2 Aerosol

*Unique formula identifier (UFI):* CPWV-70C7-U00N-MVR6

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

*Relevant identified uses of the substance or mixture:* Non-destructive testing
Restricted to professional users.

*Uses advised against :* This product is not recommended for any use other than the identified uses above.

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

*Company and address:*
**Magnaflux® (A Division of ITW Ltd)**
Faraday Road, South Dorcan Industrial Estate
SN3 5HE Swindon, Wiltshire
United Kingdom
T +44 (0)1793 524566
https://magnaflux.eu/en

*E-mail:* support.eu@magnaflux.com

*Revision:* 10/11/2023

*SDS Version:* 4.0

*Date of previous version:* 25/10/2023 (3.0)

### 1.4. Emergency telephone number

Emergency phone number: +44(0)203 394 9866
Contact The National Poisons Information Service (dial 111, 24 h service).
See section 4 “First aid measures”.

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Aerosol 1; H222, H229, Extremely flammable aerosol. Pressurised container: May burst if heated.
Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.
Skin Sens. 1; H317, May cause an allergic skin reaction.

### 2.2. Label elements

*Hazard pictogram(s):*

*Signal word:* Danger

*Hazard statement(s):* Extremely flammable aerosol. Pressurised container: May burst if heated. (H222, H229)
May be fatal if swallowed and enters airways. (H304)

May cause an allergic skin reaction. (H317)

*Precautionary statement(s):*

*General:* -

*Prevention:* Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Do not spray on an open flame or other ignition source. (P211)
Do not pierce or burn, even after use. (P251)
Wear eye protection/protective gloves/protective clothing. (P280)

*Response:* IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)
Do NOT induce vomiting. (P331)

*Storage:* Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F. (P410+P412)

*Disposal:* -

*Hazardous substances:* Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Distillates (petroleum), hydrotreated light naphthenic
2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs.

*Additional labelling:* EUH066, Repeated exposure may cause skin dryness or cracking.
UFI: CPWV-70C7-U00N-MVR6

### 2.3. Other hazards

*Additional warnings:* In the event of leaks, high concentrations of gases can quickly form. They can be toxic, asphyxiating, or explosive.
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. ▼Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|---|---|---|---|
| Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics | CAS No.:<br>EC No.: 920-107-4<br>UK-REACH:<br>Index No.: | 40-60% | EUH066<br>Asp. Tox. 1, H304 | [3] |
| butane | CAS No.: 106-97-8<br>EC No.: 203-448-7<br>UK-REACH:<br>Index No.: 601-004-01-8 | 15-25% | Flam. Gas 1A, H220<br>Press. Gas (Liq.) , H280 | [11] |
| propane | CAS No.: 74-98-6<br>EC No.: 200-827-9<br>UK-REACH:<br>Index No.: 601-003-00-5 | 10-15% | Flam. Gas 1A, H220<br>Press. Gas (Liq.) , H280 | |

| | | | | |
|---|---|---|---|---|
| isobutane | CAS No.: 75-28-5<br>EC No.: 200-857-2<br>UK-REACH:<br>Index No.: 601-004-01-8 | 5-10% | Flam. Gas 1A, H220<br>Press. Gas (Liq.) , H280 | [11] |
| Distillates (petroleum), hydrotreated light naphthenic | CAS No.: 64742-53-6<br>EC No.: 265-156-6<br>UK-REACH:<br>Index No.: 649-466-00-2 | 3-5% | Asp. Tox. 1, H304 | [3], [19] |
| 2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs. | CAS No.:<br>EC No.: 825-706-3<br>UK-REACH:<br>Index No.: | 1-3% | Skin Sens. 1, H317<br>Aquatic Chronic 4, H413 | [3] |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.
[11] The classification as a carcinogen / mutagen will not be taken into account as the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8) (CLP, Annex VI, note K).
[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

*General information:* In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:* Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

*Skin contact:* Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

*Eye contact:* If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

*Ingestion:* IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

*Burns:* Rinse with water until pain stops then continue to rinse for 30 minutes.

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.
Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

IF exposed or concerned:
Get immediate medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Extremely flammable aerosol. Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.
In use may form flammable/explosive vapour-air mixture.
Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO2)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.
Hazchem Code: None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Accidental releases always pose a serious risk of fire or explosion.
Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.
Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.
Pressurized gas packs (spray cans, aerosol cans) must be stored behind a wire mesh, which allows gases to escape and holds back packs flying around.

| | |
|---|---|
| *Recommended storage material:* | Keep only in original packaging. |
| *Storage temperature:* | 10 - 30°C |
| *Incompatible materials:* | Strong acids, strong bases, strong oxidizing agents, and strong reducing agents. |

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

butane
Long term exposure limit (8 hours) (ppm): 600
Long term exposure limit (8 hours) (mg/m³): 1450
Short term exposure limit (15 minutes) (ppm): 750
Short term exposure limit (15 minutes) (mg/m³): 1810
Annotations:
Carc1 = Capable of causing cancer and/or heritable genetic damage if it contains more than 0.1% of buta-1,3-diene.

Di-''isononyl'' phthalate
Long term exposure limit (8 hours) (mg/m³): 5

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

**DNEL**

No data available.

**PNEC**

Di-''isononyl'' phthalate

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| Soil | | 30 mg/kg |

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:* Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:* There are no exposure scenarios implemented for this product.

*Exposure limits:* Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:* Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

*Hygiene measures:* In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

*Measures to avoid environmental exposure:* Keep damming materials near the workplace. If possible, collect spillage during work.

### Individual protection measures, such as personal protective equipment

*Generally:* Use only UKCA marked protective equipment.

*Respiratory Equipment:*

| Work situation | Type | Class | Colour | Standards | |
|---|---|---|---|---|---|
| In case of inadequate ventilation | AX | | Brown | EN14387 |  |

*Skin protection:*

| Recommended | Type/Category | Standards | |
|---|---|---|---|
| Dedicated work clothing should be worn. | - | - |  |

*Hand protection:*

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|---|---|---|---|---|
| Nitrile | 0,38 | > 480 | EN374-2, EN374-3, EN388 |  |

*Eye protection:*

| Type | Standards | |
|---|---|---|
| Safety glasses | EN166 |  |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:* Aerosol

*Colour:* Red

*Odour / Odour threshold:* Mild

| | |
|---|---|
| *pH:* | 7 |
| *Density (g/cm³):* | 0.85 (20 °C) |
| *Kinematic viscosity:* | 3.3 mm²/s (38 °C) |
| *Particle characteristics:* | Not applicable - product is a liquid |

### Phase changes

| | |
|---|---|
| *Melting point/Freezing point (°C):* | No data available |
| *Softening point/range (waxes and pastes) (°C):* | Does not apply to aerosols. |
| *Boiling point (°C):* | >230 |
| *Vapour pressure:* | <0.5 mmHg (20 °C) |
| *Relative vapour density:* | No data available |
| *Decomposition temperature (°C):* | No data available |

### Data on fire and explosion hazards

| | |
|---|---|
| *Flash point (°C):* | >93 |
| *Flammability (°C):* | The material is ignitable. |
| *Auto-ignition temperature (°C):* | >200 |
| *Lower and upper explosion limit (% v/v):* | No data available |

### Solubility

| | |
|---|---|
| *Solubility in water:* | Practically insoluble |
| *n-octanol/water coefficient:* | No data available |
| *Solubility in fat (g/L):* | No data available |

### 9.2. Other information

Note: The above properties are for the bulk product and not the aerosol.
Flash point of the aerosol propellent: -40 °C

| | |
|---|---|
| *Evaporation rate (n-butylacetate = 100):* | <0.1 |
| *Oxidizing properties:* | No data available |
| *Other physical and chemical parameters:* | No data available. |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 “Handling and storage”.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid static electricity.
Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

### 10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

**Acute toxicity**

Based on available data, the classification criteria are not met.

| | |
|---|---|
| Product/substance | Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| Test method: | OECD 401 |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | >5000 mg/kg |

| | |
|---|---|
| Product/substance | Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| Test method: | OECD 402 |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | >5000 mg/kg |

| | |
|---|---|
| Product/substance | Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| Test method: | OECD 403 |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 (4 hours) |
| Result: | >5000 mg/m³ |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | >10000 mg/kg |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | >3160 mg/kg |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | >4.4 mg/L |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | >5000 mg/kg |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | >2000 mg/kg |

| | |
|---|---|
| Product/substance | 2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs. |
| Test method: | OECD 423 |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 5000 mg/kg |

### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

### Respiratory sensitisation

Based on available data, the classification criteria are not met.

### Skin sensitisation

May cause an allergic skin reaction.

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Reproductive toxicity

Based on available data, the classification criteria are not met.

### STOT-single exposure

Based on available data, the classification criteria are not met.

### STOT-repeated exposure

Based on available data, the classification criteria are not met.

| | |
|---|---|
| Product/substance | butane |
| Species: | Rat, male/female |
| Route of exposure: | Inhalation |
| Duration: | 42 days |
| Test: | NOAEL |
| Result: | 16000 ppm |

| | |
|---|---|
| Product/substance | isobutane |
| Species: | Rat, male/female |
| Route of exposure: | Inhalation |
| Duration: | 42 days |
| Test: | NOAEL |
| Result: | 16000 ppm |

### Aspiration hazard

May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

### Long term effects

None known.

### Endocrine disrupting properties

This mixture/product does not contain any substances considered to have hormone-disrupting properties in relation to health.

**Other information**

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Based on available data, the classification criteria are not met.

| | |
|---|---|
| Product/substance | Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| Species: | Fish, Oncorhynchus mykiss |
| Duration: | 96 hours |
| Test: | LCLo |
| Result: | >1000 mg/L |

| | |
|---|---|
| Product/substance | Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| Test method: | OECD 202 |
| Species: | Daphnia, Daphnia magna |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | >1000 mg/L |

| | |
|---|---|
| Product/substance | Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| Species: | Algae, Pseudokirchneriella subcapitata |
| Duration: | 72 hours |
| Test: | NOEC |
| Result: | >1000 mg/L |

| | |
|---|---|
| Product/substance | butane |
| Test method: | QSAR |
| Species: | Fish |
| Test: | LC50 |
| Result: | 147.54 mg/L |

| | |
|---|---|
| Product/substance | propane |
| Test method: | QSAR |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 147.54 mg/L |

| | |
|---|---|
| Product/substance | propane |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 49.9 mg/L |

| | |
|---|---|
| Product/substance | propane |
| Species: | Daphnia, Daphnia magna |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 27.1 mg/L |

| | |
|---|---|
| Product/substance | propane |
| Species: | Algae |
| Duration: | 72 hours |
| Test: | EC50 |

| | |
|---|---|
| Result: | 11.9 mg/L |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Species: | Fish, Brachydanio rerio |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | >102 mg/L |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Species: | Daphnia, Daphnia magna |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | >74 mg/L |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Species: | Algae, Scenedesmus subspicatus |
| Duration: | 72 hours |
| Test: | IC50 |
| Result: | >88 mg/L |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Test method: | OECD 209 |
| Species: | Bacteria |
| Compartment: | Activated Sludge Plant |
| Duration: | 30 minutes |
| Test: | EC0 |
| Result: | 83.9 mg/L |

| | |
|---|---|
| Product/substance | Di-''isononyl'' phthalate |
| Test method: | OECD 202 |
| Species: | Daphnia, Daphnia magna |
| Duration: | 21 days |
| Result: | >101 mg/L |

| | |
|---|---|
| Product/substance | isobutane |
| Test method: | QSAR |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 147.54 mg/L |

| | |
|---|---|
| Product/substance | 2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs. |
| Test method: | OECD 202 |
| Species: | Crustacean |
| Test: | EC50 |
| Result: | >1 mg/L |

| | |
|---|---|
| Product/substance | 2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs. |
| Test method: | OECD 201 |
| Species: | Algae, Pseudokirchneriella subcapitata |
| Duration: | 72 hours |
| Test: | EC50 |
| Result: | >1 mg/L |

| | |
|---|---|
| Product/substance | 2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs. |
| Test method: | OECD 201 |

Species: Algae, Pseudokirchneriella subcapitata
Test: NOEC
Result: 0.313 mg/L

### 12.2. Persistence and degradability
No data available.

### 12.3. Bioaccumulative potential
No data available.

### 12.4. Mobility in soil
No data available.

### 12.5. Results of PBT and vPvB assessment
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Endocrine disrupting properties
This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects
None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods
Product is covered by the regulations on hazardous waste.
HP 3 - Flammable
Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code
Not applicable.

### Specific labelling

### Contaminated packing
Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|---|
| ADR | UN1950 | AEROSOLS, flammable | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | Limited quantities: 1 L<br>Tunnel restriction code: (D)<br>See below for additional information. |
| IMDG | UN1950 | AEROSOLS, flammable | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F | - | No | Limited quantities: 1 L<br>EmS: F-D S-U |

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|---|
| | | |  | | | See below for additional information. |
| IATA | UN1950 | AEROSOLS, flammable | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | See below for additional information. |

* Packing group

** Environmental hazards

### Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
This product is within scope of the regulations of transport of dangerous goods.
Hazchem Code: None

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: REGULATORY INFORMATION

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

*Restrictions for application:* Restricted to professional users.
People under the age of 18 shall not be exposed to this product.

*Demands for specific education:* No specific requirements.

*SEVESO - Categories / dangerous substances:* P3a - FLAMMABLE AEROSOLS, Qualifying quantity (lower-tier): 150 tonnes (net) / (upper-tier): 500 tonnes (net)

### ▼UK-REACH, Annex XVII

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics is subject to restrictions, UK-REACH annex XVII (entry 3).
Distillates (petroleum), hydrotreated light naphthenic is subject to restrictions, UK-REACH annex XVII (entry 3(b), 28, 50).
2-Naphthalenol, 1-[2-[2-ethyl-4-[2-(2-ethylphenyl)diazenyl]phenyl]diazenyl]-, ar-heptyl derivs. is subject to restrictions, UK-REACH annex XVII (entry 3(c)).

*Additional information:* Not applicable.

*Sources:* The Management of Health and Safety at Work Regulations 1999.
The Aerosol Dispensers Regulations 2009 No. 2824, amended in 2014 (No. 1130) and in 2018 (No. 29).
Control of Major Accident Hazards (COMAH) Regulations 2015.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.
H220, Extremely flammable gas.
H280, Contains gas under pressure; may explode if heated.
H304, May be fatal if swallowed and enters airways.
H317, May cause an allergic skin reaction.
H413, May cause long lasting harmful effects to aquatic life.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.
The classification of the mixture in regard to physical hazards has been based on experimental data.

**▼The safety data sheet is validated by**

Magnaflux

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product.
Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en