SAFETY DATA SHEET

# Noxudol Auto-Plastone

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

### 1.1. Product identifier

**Trade name**

Noxudol Auto-Plastone

**Product no.**

30910

**Unique formula identifier (UFI)**

VYG0-G02A-T00W-32HK

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

**Relevant identified uses of the substance or mixture**

Used in wheel housings and on areas exposed to heavy wear on vehicles.

**Use descriptors (UK REACH)**

| Sectors of use | Description |
|---|---|
| LCS "IS" | Industrial uses: Uses of substances as such or in preparations at industrial sites |

| Product category | Description |
|---|---|
| PC 14 | Metal surface treatment products, including galvanic and electroplating products |

**Uses advised against**

None known.

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

▼Company and address

**Auson AB**
Verkstadsgatan 3
S-434 42 KUNGSBACKA
Sweden
+46 (0)300 56 20 00

**Contact person**

Nina Nyth

**E-mail**

nina.nyth@auson.se

**Revision**

22/04/2025

**SDS Version**

15.0

**Date of previous version**

27/11/2024 (14.0)

### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 112 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
See section 4 “First aid measures”.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.
STOT SE 3; H336, May cause drowsiness or dizziness.

### 2.2. Label elements

**Hazard pictogram(s)**

Signal word

Warning

Hazard statement(s)

Flammable liquid and vapour. (H226)
May cause drowsiness or dizziness. (H336)

Precautionary statement(s)

General

Keep out of reach of children. (P102)

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Avoid breathing vapour. (P261)
Use only outdoors or in a well-ventilated area. (P271)
Wear protective gloves. (P280)

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)
IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340)

Storage

Store in a well-ventilated place. Keep cool. (P403+P235)

Disposal

Dispose of contents/container in accordance with local regulation (P501)

▼Hazardous substances

Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%

Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.

UFI: VYG0-G02A-T00W-32HK

VOC

VOC content: 262 g/L
MAXIMUM VOC CONTENT (Phase II, category B/e: 840 g/L)

### 2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
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) 2023/707.

## 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 |
|---|---|---|---|---|
| Oxidized bitumen | CAS No.: 64742-93-4<br>EC No.: 265-196-4<br>UK-REACH:<br>Index No.: | 45 - 50 % | | [19] |
| Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% | CAS No.: 64742-48-9<br>EC No.: 919-857-5<br>UK-REACH:<br>Index No.: 649-327-00-6 | 20 -25 % | EUH066<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336 | [15], [19] |
| Clay | CAS No.: 1332-58-7<br>EC No.: 310-127-6<br>UK-REACH:<br>Index No.: | 20 -25 % | | [19] |
| Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) | CAS No.: 64742-53-6<br>EC No.: 265-156-6<br>UK-REACH: | 3 -5 % | Asp. Tox. 1, H304 | [19] |

| | | | |
|---|---|---|---|
| | Index No.: 649-466-00-2 | | |
| Ethanol | CAS No.: 64-17-5<br>EC No.: 200-578-6<br>UK-REACH:<br>Index No.: 603-002-00-5 | < 2 % | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319 |

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

### Other information

[15] The classification as a carcinogen / mutagen will not be taken into account as the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7) (CLP, Annex VI, note P).
[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

IF ON SKIN: Wash with plenty of water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. 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 the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### 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

None known.

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

Treat symptomatically.

### 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

Flammable liquid and vapour.
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.

### 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: ●3Y

## SECTION 6: Accidental release measures

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

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

### 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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
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

Ground and bond container and receiving equipment.
Use explosion-proof [electrical/lighting/ventilating] equipment.
Use non-sparking tools.
Take action to prevent static discharges.
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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Take action to prevent static discharges.
Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage conditions

No specific requirements

#### 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

Clay
Long term exposure limit (8 hours) (mg/m$^3$): 2

Ethanol
Long term exposure limit (8 hours) (ppm): 1000
Long term exposure limit (8 hours) (mg/m$^3$): 1920

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

Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract)

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - Workers | Dermal | 970 µg/kg bw/day |

| | | |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 1.19 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 5.58 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 2.73 mg/m³ |
| Long term – Systemic effects - General population | Oral | 740 µg/kg bw/day |

Ethanol

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 206 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 343 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 114 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 380 mg/m³ |
| Short term – Local effects - General population | Inhalation | 950 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 1900 mg/m³ |
| Long term – Systemic effects - General population | Oral | 87 mg/kg bw/day |

Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 178.57 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 837.5 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 410 µg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 1.9 mg/m³ |
| Short term – Local effects - General population | Inhalation | 640 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 1066.67 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 1152 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 1286.4 mg/m³ |

Oxidized bitumen

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 610 µg/m³ |
| Long term – Local effects - Workers | Inhalation | 2.88 mg/m³ |

PNEC

Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract)

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Predators | | 9.33 mg/kg |

Ethanol

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 960 µg/L |
| Freshwater sediment | | 3.6 mg/kg |
| Intermittent release (freshwater) | | 2.75 mg/L |
| Marine water | | 790 µg/L |
| Marine water sediment | | 2.9 mg/kg |
| Predators | | 380-720 mg/kg |
| Sewage treatment plant | | 580 mg/L |
| Soil | | 630 µg/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

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

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. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

| Type | Class | Colour | Standards |
|---|---|---|---|
| Respiratory protection is not needed in the event of adequate ventilation. | | | |

Skin protection

| Recommended | Type/Category | Standards | |
|---|---|---|---|
| Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester. | - | - | |

▼Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|---|---|---|---|---|
| Nitrile | 0,38 | > 480 | EN374-2, EN16523-1, 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

Highly viscous mass

Colour

Black

Odour / Odour threshold

Solvent

pH

Not applicable - pH is not defined for non-aqueous systems

Density (g/cm$^3$)

1.05 (20 °C)

Kinematic viscosity

>20,5 mm$^2$/s (40 °C)

Particle characteristics

Not applicable

Phase changes

Melting point/Freezing point (°C)

No data available

Softening point/range (°C)
Does not apply to liquids.
Boiling point (°C)
150 - 200
Vapour pressure
3 hPa (20 °C)
Relative vapour density
>3
Decomposition temperature (°C)
Not applicable - product is an article

Data on fire and explosion hazards

Flash point (°C)
40
Flammability (°C)
The material is ignitable.
Auto-ignition temperature (°C)
>200
Lower and upper explosion limit (% v/v)
0.6 - 7

Solubility

Solubility in water
Insoluble
n-octanol/water coefficient (LogKow)
>6
▼Solubility in fat (g/L)
No data available.

9.2. Other information

VOC (g/l)
262
▼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.
10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. ▼Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

▼Acute toxicity

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | > 5000 mg/m³ |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |

| | |
|---|---|
| Result: | > 2000 mg/kg |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | > 2000 mg/kg |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | > 5,53 mg/l |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | > 5000 mg/kg |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | > 5000 mg/kg |

| | |
|---|---|
| Product/substance | Ethanol |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 7060 mg/kg |

| | |
|---|---|
| Product/substance | Ethanol |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | > 20000 mg/kg |

| | |
|---|---|
| Product/substance | Ethanol |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 |
| Result: | 124,7 mg/l |

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

### 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

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

### Germ cell mutagenicity

The chemical structure does not suggest a mutagenic effect.

### Carcinogenicity

Does not present any cancer hazards.

### Reproductive toxicity

The chemical structure does not suggest such an effect.

### STOT-single exposure

May cause drowsiness or dizziness.

### STOT-repeated exposure

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

### Aspiration hazard

Not classified.

### 11.2. Information on other hazards

### Long term effects
None known.

### ▼Endocrine disrupting properties
This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### Other information
Oxidized bitumen has been classified by IARC as a group 2A carcinogen.

## SECTION 12: Ecological information

### 12.1. ▼Toxicity

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Fish |
| Duration: | No data available. |
| Result: | > 100 mg/L |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Algae |
| Duration: | No data available. |
| Result: | > 100 mg/L |

| | |
|---|---|
| Product/substance | Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% |
| Species: | Crustacean |
| Duration: | No data available. |
| Result: | > 100 mg/L |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LL50 |
| Result: | > 100 mg/l |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) |
| Species: | Algae |
| Duration: | 72 hours |
| Test: | NOEL |
| Result: | > 100 mg/l |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) |
| Species: | Crustacean |
| Duration: | 96 hours |
| Test: | LL50 |
| Result: | > 10000 mg/l |

| | |
|---|---|
| Product/substance | Distillates (petroleum), hydrotreated light naphthenic (<3 % DMSO extract) |
| Species: | Crustacean |
| Duration: | 21 days |
| Test: | NOEL |
| Result: | 10 mg/l |

| | |
|---|---|
| Product/substance | Ethanol |
| Species: | Fish, Pimephales promelas |
| Duration: | No data available. |
| Result: | 13500 mg//l |

| | |
|---|---|
| Product/substance | Ethanol |
| Species: | Algae, Skeletonema costatum |
| Duration: | No data available. |
| Result: | > 10,9 mg/l |

| | |
|---|---|
| Product/substance | Ethanol |
| Species: | Crustacean, Daphnia magna |
| Duration: | No data available. |
| Result: | 5400 mg/l |

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

### 12.2. Persistence and degradability

| | |
|---|---|
| Product/substance | Ethanol |
| Result: | 0,8 |
| Conclusion: | - |
| Test: | BOD5/COD |

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 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

08 04 09* Waste adhesives and sealants containing organic solvents or other dangerous substances

### 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 | UN1139 | COATING SOLUTION | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br> | III | No | Limited quantities: 5 L<br>Tunnel restriction code: (D/E)<br>See below for additional information. |
| IMDG | UN1139 | COATING SOLUTION | Transport hazard class: 3<br>Label: 3<br>Classification code: F1<br> | III | No | Limited quantities: 5 L<br>EmS: F-E S-E<br>See below for additional information. |
| IATA | UN1139 | COATING SOLUTION | Transport hazard class: 3<br>Label: 3<br>Classification code: F1 | III | No | See below for additional information |

| 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|
| | | | | | . |

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.
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.
In pack sizes less than 450 liters, under the terms of 2.2.3.1.5, this product is not subject to the provisions of ADR.
In pack sizes up to and including 30 litres, under the terms of 2.3.2.5, this product is not subject to the packaging, labelling and marking requirements of the IMDG Code but both full documentation and placarding of the cargo transport units is still required.
Hazchem Code: ●3Y

### 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

No special.

Demands for specific education

No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

UK-REACH, Annex XVII

Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% is subject to UK-REACH restrictions (entry 40).
Ethanol is subject to UK-REACH restrictions (entry 40).

Additional information

Not applicable.

Sources

The Health and Safety at Work etc. Act 1974 Regulations 2013.
Control of Major Accident Hazards (COMAH) Regulations 2015.
2012 No. 1715 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.
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.
H225, Highly flammable liquid and vapour.
H226, Flammable liquid and vapour.
H304, May be fatal if swallowed and enters airways.

H319, Causes serious eye irritation.
H336, May cause drowsiness or dizziness.

### The full text of identified uses as mentioned in section 1

LCS "IS" = Industrial uses: Uses of substances as such or in preparations at industrial sites
PC 14 = Metal surface treatment products, including galvanic and electroplating products

### 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
GWP = Global warming potential
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

Nina Nyth

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a 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.
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