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|---|--|--|------------------|----------|
|  W.F. YOUNG <small>ESTD 1892</small> | Horseman's One Step® Leather Cleaner & Conditioner Cream-EU | | Document Code: | SDS-0063 |
| | | | Create Date: | 3/9/2012 |
| | SAFETY DATA SHEET SDS EU format according to COMMISSION REGULATION (EU) 2020/878 | | Revision Date: | 8/4/2025 |
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|----------------|--|
| Product form | : Mixture |
| Product name | : Horseman's One Step® Leather Cleaner & Conditioner Cream |
| Product number | : 428327 |

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

1.2.1. Relevant identified uses

| | |
|------------------------------|-----------------------------------|
| Intended for general public | |
| Use of the substance/mixture | : Leather cleaner and conditioner |

1.2.2. Uses advised against

| | |
|---------------------|--------------|
| Restrictions on use | : None known |
|---------------------|--------------|

1.3. Details of the supplier of the safety data sheet

Manufacturer

W.F. Young, Inc.
 302 Benton Drive
 East Longmeadow, MA 01028
 USA
 T (413) 526-9999 x 468, F (413) 526-9869
www.wfyoung.com

Supplier

W.F. Young GmbH
 Thomas-Wimmer-Ring 17
 80539 Munich, Germany
 Germany
 T +49 89 20194070
SDS@wfyoung.com

1.4. Emergency telephone number

| | |
|------------------|--------------------------------------|
| Emergency number | : Company Hotline: +1 (413) 526-9999 |
|------------------|--------------------------------------|

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|----------------|--|--|--|--------------------------------------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH | 0344 892 0111 | Only for healthcare professionals |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| | |
|--|------|
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 1 | H318 |
| Full text of H- and EUH-statements: see section 16 | |

Adverse physicochemical, human health and environmental effects

Causes serious eye damage. Causes skin irritation.

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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Contains :

Docusate Sodium; Alcohols, C12-14-secondary, ethoxylated; Sodium Hydroxide

Hazard statements (CLP) :

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P264 - Wash hands thoroughly after handling.

P280 - Wear eye protection.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

Child-resistant fastening :

Not applicable

Tactile warning :

Not applicable

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-------|---|
| White Mineral Oil (Petroleum) | CAS-No.: 8042-47-5 EC-No.: 232-455-8 | 30-40 | Asp. Tox. 1, H304 |
| Alcohols, C12-14-secondary, ethoxylated | CAS-No.: 84133-50-6 EC-No.: 617-534-0 | 3-7 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h) Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Glycerin | CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18 | 1-5 | Not classified |
| 1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,Ndimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts | CAS-No.: 68139-30-0 EC-No.: 268-761-3 | 1-5 | Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|---------|---|
| Docusate Sodium | CAS-No.: 577-11-7 EC-No.: 209-406-4 | 0.5-1.5 | Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Sodium Hydroxide | CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 | 0.1-1 | Met. Corr. 1, H290 Skin Corr. 1A, H314 |
| 3-Iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate | CAS-No.: 55406-53-6 EC-No.: 259-627-5 EC Index-No.: 616-212-00-7 | <0.1 | Acute Tox. 3 (Inhalation), H331 (ATE=0.67 mg/l/4h) Acute Tox. 4 (Oral), H302 (ATE=1056 mg/kg bodyweight) STOT RE 1, H372 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) |

| Specific concentration limits: | | |
|--------------------------------|---|---|
| Name | Product identifier | Specific concentration limits (%) |
| Sodium Hydroxide | CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 | (0.5 ≤ C < 2) Skin Irrit. 2; H315 (0.5 ≤ C < 2) Eye Irrit. 2; H319 (2 ≤ C < 5) Skin Corr. 1B; H314 (5 ≤ C ≤ 100) Skin Corr. 1A; H314 |

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures after inhalation | : Move the affected person to fresh air. Get medical attention if symptoms occur. |
| First-aid measures after skin contact | : Wash with plenty of soap and water. Get medical advice if skin irritation persists. Take off contaminated clothing and wash it before reuse. |
| First-aid measures after eye contact | : Immediately flush thoroughly with water for at least 20 minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

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

| | |
|------------------|--|
| Inhalation | : May cause minor irritation to the respiratory tract and to other mucous membranes. |
| Skin | : May cause moderate irritation. |
| Eyes | : May cause severe eye irritation with possible eye damage. |
| Ingestion | : May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Chronic symptoms | : None known. |

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

Immediate medical attention is required for eye contact.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : This product is not classified as flammable or combustible. Prolonged exposure to fire may cause containers to rupture/explode.

Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon oxides (CO, CO₂). Hydrocarbon. Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Cool down the containers exposed to heat with a water spray. Do not allow run-off from firefighting to enter drains or water courses.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not touch or walk on the spilled product. Avoid contact with eyes, skin and clothing. Wear suitable protective clothing.

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes. Avoid breathing dust, vapours. Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak if safe to do so. Collect spillage.

Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable container.

Other information : Dispose of materials or solid residues at an authorised site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust, vapours. Ensure good ventilation of the work station.

Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, well-ventilated area. Store at room temperature. Keep container closed when not in use. Keep out of the reach of children.

7.3. Specific end use(s)

Leather care products.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Glycerin (56-81-5) | |
|---|---------------------------------------|
| Ireland - Occupational Exposure Limits | |
| OEL TWA | 10 mg/m³ |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Glycerol |
| WEL TWA (OEL TWA) | 10 mg/m³ |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| Sodium Hydroxide (1310-73-2) | |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| WEL STEL (OEL STEL) | 2 mg/m³ |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Wear safety goggles or other eye protection to prevent eye contact. Use eye protection according to EN 166.

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. EN 13034

Hand protection:

Wear impervious gloves. Wear suitable gloves tested to EN374.

8.2.2.3. Respiratory protection

Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------------|
| Physical state | : Liquid |
| Colour | : White. |
| Appearance | : White. Paste. |
| Odour | : Characteristic. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : -17.8 °C |
| Boiling point | : Not available |
| Flammability | : Non flammable. |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : > 93.3 °C |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : 9.8 |
| Viscosity, kinematic | : > 20.5 mm²/s @ 40°C (104°F) |
| Solubility | : Emulsifiable. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : 0.5 mm Hg @ 20°C (68°F) |
| Vapour pressure at 50°C | : Not available |
| Density | : Not available |
| Relative density | : 0.888 |
| Relative vapour density at 20°C | : > 1 |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : < 1

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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

Strong oxidizers. Strong acids.

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
 Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
 Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

White Mineral Oil (Petroleum) (8042-47-5)

| | |
|-----------------------------------|--------------------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | > 5 mg/l/4h No mortality |

1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,Ndimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts (68139-30-0)

| | |
|---------------|------------|
| LD50 oral rat | 2950 mg/kg |
|---------------|------------|

Glycerin (56-81-5)

| | |
|-----------------------------------|--|
| LD50 oral rat | 27200 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral) |
| LD50 oral | 25000 mg/kg bodyweight |
| LD50 dermal | 56750 mg/kg (4 day(s), Guinea pig, Male / female, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat (Dust/Mist) | > 5.85 mg/l |

Docusate Sodium (577-11-7)

| | |
|--------------------|--------------|
| LD50 oral rat | > 3000 mg/kg |
| LD50 dermal rabbit | > 2525 µg/kg |

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3-Iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

| | |
|-----------------------------------|--------------|
| LD50 oral rat | 1056 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | 0.67 mg/l/4h |

Alcohols, C12-14-secondary, ethoxylated (84133-50-6)

| | |
|-----------------------------------|---------------|
| LD50 oral rat | > 412 mg/kg |
| LD50 dermal rat | > 14000 mg/kg |
| LC50 Inhalation - Rat (Dust/Mist) | 1.06 mg/l/4h |

Sodium Hydroxide (1310-73-2)

| | |
|-------------|--|
| LD50 oral | Corrosive material. Acute toxicity (oral) Classification not possible |
| LD50 dermal | Corrosive material. Acute toxicity (dermal) Classification not possible. |

| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Causes skin irritation. pH: 9.8 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 9.8 |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |

White Mineral Oil (Petroleum) (8042-47-5)

| | |
|----------------------------|-------------------------|
| NOAEL (oral, rat, 90 days) | ≥ 1200 mg/kg bodyweight |
|----------------------------|-------------------------|

Docusate Sodium (577-11-7)

| | |
|----------------------------|-------------------------------|
| NOAEL (oral, rat, 90 days) | 750 mg/kg bodyweight OECD 408 |
|----------------------------|-------------------------------|

3-Iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

| | |
|--|--|
| LOAEL (dermal, rat/rabbit, 90 days) | 500 mg/kg bodyweight (rat) (OECD 411 method) |
| LOAEC (inhalation, rat, dust/mist/fume, 90 days) | 0.0067 mg/l air (OECD 413 method) |
| NOAEL (oral, rat, 90 days) | 20 mg/kg bodyweight (OECD 453 method) |
| NOAEL (dermal, rat/rabbit, 90 days) | 200 mg/kg bodyweight (rat) (OECD 411 method) |
| NOAEC (inhalation, rat, dust/mist/fume, 90 days) | 0.00116 mg/l air (OECD 413 method) |
| STOT-repeated exposure | Causes damage to organs (larynx) through prolonged or repeated exposure. |

| | |
|-------------------|---|
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
|-------------------|---|

Horseman's One Step® Leather Cleaner & Conditioner Cream

| | |
|----------------------|-----------------------------|
| Viscosity, kinematic | > 20.5 mm²/s @ 40°C (104°F) |
|----------------------|-----------------------------|

White Mineral Oil (Petroleum) (8042-47-5)

| | |
|-------------|-----|
| Hydrocarbon | Yes |
|-------------|-----|

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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : None known

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

White Mineral Oil (Petroleum) (8042-47-5)

| | |
|----------------------|------------|
| LC50 - Fish [1] | > 100 mg/l |
| EC50 - Crustacea [1] | > 100 mg/l |

1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,Ndimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts (68139-30-0)

| | |
|----------------------|--|
| EC50 - Crustacea [1] | 11 mg/l Daphnia magna (Water flea) |
| EC50 72h - Algae [1] | 0.32 mg/l Pseudokirchneriella subcapitata |
| EC50 72h - Algae [2] | 0.046 mg/l Pseudokirchneriella subcapitata |

Glycerin (56-81-5)

| | |
|------------------------------------|--|
| LC50 - Fish [1] | 54000 mg/l (96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Lethal) |
| EC50 - Crustacea [1] | > 10000 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |
| EC50 - Other aquatic organisms [1] | > 10000 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | > 10000 mg/l |

Docusate Sodium (577-11-7)

| | |
|----------------------|--------------------------------------|
| LC50 - Fish [1] | 49 mg/l |
| EC50 - Crustacea [1] | 15.2 mg/l Daphnia magna (Water flea) |
| ErC50 algae | 82.5 mg/l |
| NOEC (chronic) | 9 mg/l 21d |

3-Iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

| | |
|----------------------|---|
| LC50 - Fish [1] | 0.41 mg/l Cyprinodon variegatus (sheepshead minnow) |
| EC50 - Crustacea [1] | 0.645 mg/l Daphnia magna (Water flea) |
| ErC50 algae | 0.053 mg/l Desmodesmus subspicatus |
| NOEC (chronic) | 0.0499 mg/l Daphnia magna (Water flea) |
| NOEC chronic fish | 0.0084 mg/l Pimephales promelas (Fathead minnow) |

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Sodium Hydroxide (1310-73-2)

| | |
|----------------------|-----------|
| EC50 - Crustacea [1] | 40.4 mg/l |
|----------------------|-----------|

12.2. Persistence and degradability

Horseman's One Step® Leather Cleaner & Conditioner Cream

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

White Mineral Oil (Petroleum) (8042-47-5)

| | |
|-------------------------------|---------------------------|
| Persistence and degradability | Inherently biodegradable. |
|-------------------------------|---------------------------|

1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,Ndimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts (68139-30-0)

| | |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

Glycerin (56-81-5)

| | |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

| | |
|---------------------------------|------------------------------------|
| Biochemical oxygen demand (BOD) | 0.87 g O ₂ /g substance |
|---------------------------------|------------------------------------|

| | |
|------------------------------|------------------------------------|
| Chemical oxygen demand (COD) | 1.16 g O ₂ /g substance |
|------------------------------|------------------------------------|

| | |
|------|-------------------------------------|
| ThOD | 1.217 g O ₂ /g substance |
|------|-------------------------------------|

| | |
|-----------------|------|
| BOD (% of ThOD) | 0.71 |
|-----------------|------|

Docusate Sodium (577-11-7)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

3-Iodo-2-propynyl butylcarbamate; 3-iodoprop-2-yn-1-yl butylcarbamate (55406-53-6)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

Alcohols, C12-14-secondary, ethoxylated (84133-50-6)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

Sodium Hydroxide (1310-73-2)

| | |
|-------------------------------|--|
| Persistence and degradability | Biodegradation is not applicable to inorganic compounds. |
|-------------------------------|--|

12.3. Bioaccumulative potential

Glycerin (56-81-5)

| | |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | -1.75 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
|---|--|

| | |
|---------------------------|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |
|---------------------------|----------------------|

Docusate Sodium (577-11-7)

| | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2 |
|---|---|

| | |
|---|---|
| Partition coefficient n-octanol/water (Log Kow) | 2 |
|---|---|

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12.4. Mobility in soil

Glycerin (56-81-5)

| | |
|-----------------|---|
| Surface tension | 0.0634 N/m (20 °C, 1000 g/l) |
| Ecology - soil | No (test)data on mobility of the substance available. |

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|---------------------------------|--|
| Waste treatment methods | : Refer to product label for additional information on use and handling. Dispose in a safe manner in accordance with local/national regulations. |
| Sewage disposal recommendations | : Do not dispose of waste into sewer. Disposal must be done according to official regulations. |

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---------------|---------------|---------------|---------------|
| 14.1. UN number or ID number | | | | |
| Not regulated for transport | | | | |
| 14.2. UN proper shipping name | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

| | | |
|------------------------------------|------------------------------------|---|
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Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List < 0.1% or SCL.

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

New version.

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Data sources

: ECHA (European Chemicals Agency). Supplier's safety documents.

| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Met. Corr. 1 | Corrosive to metals, Category 1 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| STOT RE 1 | Specific target organ toxicity – Repeated exposure, Category 1 |
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|------|--------------------|
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Dam. 1 | H318 | Calculation method |

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