

Safety Data Sheet

Nu-Degreaser



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

Version:4
Version date:02/07/2025
Language:EN

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

1.1. Product identifier

| | | |
|------------------------|---|---|
| Trade name/designation | : | Nu-Degreaser |
| Article No (user) | : | 10640 / 10654 / 10690 / 10695 / 10715 / 12103 / 12104 / 12105 / 16600 / 16639 |
| UFI | : | EM7M-C3XP-E001-9SMV |

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

| | | |
|--------------------------|---|---------------------------------|
| Relevant identified uses | : | Heavy Duty Ecological Degreaser |
| Uses advised against | : | No data available. |

1.3. Details of the supplier of the safety data sheet

| | | |
|----------|---|---|
| Supplier | : | Name: InnuScience UK Limited Street: Unit 1 Bloomfield Park Industrial Estate Postal code/City: DY4 9AP, Tipton Country: England Telephone: +44 (0) 1908 991658 Website: https://innuscience.com/gb/ E-mail: uk@innuscience.com |
|----------|---|---|

1.4. Emergency Telephone Number

United Kingdom: In England and Wales: dial 111 (NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours. During GP Out-of-Hours (www.gpoutofhours.hscni.net/): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008 as amended by GB-CLP regulation, UK SI 2019/720 and UK SI 2020/1567.

Hazards identification

| Classification | Hazard statements (H) | |
|----------------|-----------------------|-------------------------------|
| Eye Irrit. 2 | H319 | Causes serious eye irritation |

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008 as amended by GB-CLP regulation, UK SI 2019/720 and UK SI 2020/1567.

| | |
|-------------------|--|
| Hazard pictograms | |
|-------------------|--|

| | |
|---------------------------------------|--|
| Signal word | Warning |
| Product identifiers | - |
| Hazard Statements | H319 Causes serious eye irritation |
| Supplemental Hazard information (EU) | - |
| Precautionary Statements - General | - |
| Precautionary Statements - Prevention | P264 Wash hands thoroughly after handling. P280 Wear eye protection. |
| Precautionary Statements - Response | P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. |
| Precautionary Statements - Storage | - |
| Precautionary Statements - Disposal | - |

2.3. Other hazards

According to UK REACH (Regulation (EC) No 1907/2006 as retained in UK law), no substances in this mixture are identified as PBT or vPvB .

According to UK REACH, based on the retained UK versions of Regulation (EU) 2017/2100 and Regulation (EU) 2018/605, no substances are known to have endocrine-disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

In accordance with the product knowledge, no nanomaterials have been identified.

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) under UK REACH, as defined in Article 57 and maintained by the UK Health and Safety Executive (HSE).

Reference: <https://www.hse.gov.uk/reach/candidate-list.htm>

| Substance | C (%) | Classification of pure substance | Specific concentration limits | Note |
|---|---------------|--|-------------------------------|------|
| Alcohols, C8-10, ethoxylated propoxylated CAS N°:68603-25-8 EC N°:Polymer INDEX N°: REACH N°: exempted, polymer | 1.0% ≤C< 3.0% | Acute Tox. 4: H302 Eye Dam. 1: H318 | - | - |

3.3. Additional information

Text phrases and H- EUH-: see section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

| | | |
|------------------------------------|---|---|
| General information | : | In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). |
| Following inhalation | : | No special measures are necessary. |
| Following skin contact | : | Wash with plenty of water and soap. Replace contaminated and soaked clothing. |
| Following eye contact | : | In case of eye irritation consult an ophthalmologist. Rinse carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Following ingestion | : | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| Self-protection of the first aider | : | First aider: Pay attention to self-protection! |

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

| | | |
|----------------------|---|------------------------|
| Notes for the doctor | : | Treat symptomatically. |
|----------------------|---|------------------------|

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

| | | |
|--------------------------------|---|--|
| Suitable extinguishing media | : | Foam Extinguishing powder Carbon dioxide (CO ₂) Water |
| Unsuitable extinguishing media | : | Not available. |

5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Co-ordinate fire-fighting measures to the fire surroundings.
Move undamaged containers from immediate hazard area if it can be done safely.
Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.
Use water spray jet to protect personnel and to cool endangered containers.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.
Remove persons to safety.

6.2. Environmental precautions

Ensure that waste is collected and contained.
Sewers and ducts must be protected against the entry of the product.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.
Collect in closed and suitable containers for disposal.
Wipe up with absorbent material (eg. cloth, fleece).
Thoroughly clean contaminated areas and objects in accordance with environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7.
Disposal: see section 13.
Personal protection equipment: see section 8.

6.5. Additional information

Not available.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective measures

Avoid contact with skin, eyes and clothes.
Wear personal protective clothing (see section 8).

Advices on general occupational hygiene

Provide eye shower and label its location conspicuously
Remove contaminated, saturated clothing.
Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place.
Keep container in upright position in order to prevent leakage.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Personal protection equipment



| | | |
|------------------------|---|--|
| Eye/face protection | : | Suitable eye protection: Wear eye protection equipment. Recommended eye protection articles: Goggles in accordance with the European standard EN 166. |
| Skin protection | : | Hand protection: For prolonged hand contact, use suitable chemical resistant protective gloves conforming to EN ISO 374-1. Nitrile gloves are recommended. Select breakthrough time > 480 min, glove thickness ≥ 0.4 mm. Wash hands thoroughly after handling. Body protection: No special measures are necessary. |
| Respiratory protection | : | Respiratory protection necessary at: No respiratory protection is required. |

8.3. Additional information

Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state: | Liquid |
| Colour: | Colourless |
| Odour: | Odourless |
| Odour threshold: | Not available |
| Melting point/freezing point: | 0°C |
| Initial boiling point and boiling range: | 95 - 100°C |
| Flammability: | The mixture is not flammable |
| Lower and upper explosion limit: | The mixture is not flammable |
| Flash point: | >93°C |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | No decomposition, if the regulations/notes for storage and handling are observed. |
| pH: | 11.0- 11.5 |
| Kinematic viscosity: | 100 - 300 cSt |
| Solubility: | Easily soluble in water |
| Partition coefficient: n-octanol/water (Log value): | Not available |
| Vapour pressure: | Not available |
| Relative density: | 1.01 – 1.03 |
| Relative vapour density: | Not available |
| Evaporation rate: | Not available |
| Explosive properties: | Not explosive |
| Oxidising properties: | Non-oxidizing |
| Solubility in other Solvents: | Not available |

9.2. Other information

| | |
|--------------|------|
| VOC content: | 0.9% |
|--------------|------|

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No known reactivity.

10.2. Chemical stability

The product is chemically stable when stored at normal ambient temperatures.
The colour of the product may change over time, but without affecting its performance.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Prolonged storage at temperatures above 40°C or in direct light may alter the colour of the product.

10.5. Incompatible materials

Store away from strong acids.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

10.7. Additional information

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 as amended by GB-CLP regulation, UK SI 2019/720 and UK SI 2020/1567.

Acute oral toxicity

Data for mixture

| | | |
|-----------|---|--------------------|
| Species | : | Rat |
| Sex | : | Not available |
| Guideline | : | Additivity formula |

| Subendpoint | Operator | Value | Unit |
|--------------------|----------|-------|----------|
| LD50 (calculated): | > | 5000 | mg/kg bw |

| | | |
|------------|---|--|
| Conclusion | : | The mixture is considered practically non-toxic by the oral route. |
|------------|---|--|

Substances

Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)

| | | |
|-----------|---|---------------|
| Species | : | Rat |
| Sex | : | Female |
| Guideline | : | Not available |

| Subendpoint | Operator | Value | Unit |
|-------------|----------|-------|----------|
| LD50: | = | 616 | mg/kg bw |

| | | |
|------------|---|--|
| Conclusion | : | The substance is considered to have a low toxic potential by the oral route. |
|------------|---|--|

Acute skin toxicity

Data for mixture

| | | |
|-------------------------|---|--------------------|
| Species | : | Rat |
| Sex | : | Not available |
| Guideline | : | Additivity formula |
| Exposure duration/value | : | Not available |
| Exposure duration/unit | : | Not available |

| Subendpoint | Operator | Value | Unit |
|--------------------|----------|-------|----------|
| LD50 (calculated): | > | 5000 | mg/kg bw |

| | | |
|------------|---|--|
| Conclusion | : | The mixture is considered to be practically non-toxic by the dermal route. |
|------------|---|--|

Substances

Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)

| | | |
|-------------------------|---|---------------|
| Species | : | Rabbit |
| Sex | : | Female |
| Guideline | : | OECD 402 |
| Exposure duration/value | : | Not available |
| Exposure duration/unit | : | Not available |

| Subendpoint | Operator | Value | Unit |
|-------------|----------|-------|----------|
| LD50: | = | 5660 | mg/kg bw |

| | | |
|------------|---|--|
| Conclusion | : | The substance is considered to be practically non toxic by the dermal route. |
|------------|---|--|

Acute inhalation toxicity**Data for mixture**

The Mixture has not been tested.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

| | | |
|-------------------------|---|--------------------|
| Species | : | Rat |
| Sex | : | Not available |
| Guideline | : | OECD 403 |
| Route of administration | : | inhalation: vapour |
| Exposure duration/value | : | 1 |
| Exposure duration/unit | : | h |

| Subendpoint | Results/Sex | Operator | Value | Unit |
|-------------|-------------|--|-------|------|
| LC50: | - | > | 8 | mg/L |
| Conclusion | : | The substance is considered to be practically non toxic by the inhalation route. | | |

Skin corrosion/irritation**Data for mixture**

Classification criteria are not met. The mixture is not classified as skin irritant.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

Brief contact may cause moderate skin irritation with local redness.

Serious eye damage/irritation**Data for mixture**

The mixture causes severe eye irritation.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

May cause severe irritation with corneal damage which may result in permanent visual impairment or even blindness. Chemical burns can occur.

Respiratory or skin sensitisation**Data for mixture**

The classification criteria are not met. The mixture is considered not to be a respiratory or skin sensitizer.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

The substance is considered not to be a respiratory or skin sensitizer.

Germ cell mutagenicity**Data for mixture**

The classification criteria are not met. The mixture is considered to have no genotoxic potential.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

The substance is considered to have no genotoxic potential.

Carcinogenicity**Data for mixture**

The classification criteria are not met. The mixture doesn't induce carcinogenic effects.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

The substance doesn't induce carcinogenic effects.

Reproductive toxicity**Data for mixture**

The classification criteria are not met. The mixture is not considered to be teratogenic.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

The substance is not considered to be teratogenic.

STOT-single exposure**Data for mixture**

The classification criteria are not met. The mixture is not classified.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

The substance is not classified.

STOT-repeated exposure**Data for mixture**

The classification criteria are not met. The mixture is not classified.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

The substance is not classified.

Aspiration hazard**Data for mixture**

The classification criteria are not met. The mixture is not classified.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

The substance is not classified.

Additional information

Not available

11.2. Information on other hazards**Endocrine disrupting properties:**

According to UK REACH, based on the criteria defined in retained versions of Regulation (EU) 2017/2100 and Regulation (EU) 2018/605, no substance in the mixture is identified as having endocrine disrupting properties.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic toxicity

Data for mixture

| | | |
|------------------|---|---------------|
| Animals/category | : | Fish |
| Species | : | Not available |
| Test duration | : | Not available |
| Unit | : | Not available |
| Guideline | : | Not available |

| Subendpoint | Value | Unit |
|-------------------|--|------|
| LC50 (calculated) | > 100 | mg/L |
| Remarks | : The mixture is not classified according to the regulation. | |

Substances

Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)

| | | |
|------------------|---|---------------------|
| Animals/category | : | Fish |
| Species | : | Pimephales promelas |
| Test duration | : | 96 |
| Unit | : | h |
| Guideline | : | OECD 203 |

| Subendpoint | Value | Unit |
|-------------|-------|------|
| LC50: | 13.3 | mg/L |

| | | |
|------------------|---|---------------|
| Animals/category | : | Crustacean |
| Species | : | Daphnia magna |
| Test duration | : | 48 |
| Unit | : | h |
| Guideline | : | Not available |

| Subendpoint | Value | Unit |
|-------------|-------|------|
| EC50 | 12.3 | mg/L |

| | | |
|------------------|---|----------------|
| Animals/category | : | Microorganisms |
| Species | : | Bacterium |
| Test duration | : | 16 |
| Unit | : | h |
| Guideline | : | Not available |

| Subendpoint | Value | Unit |
|-------------|--|------|
| EC50 | 200 - 770 | mg/L |
| Remarks | : The substance is not classified according to the reference regulation. | |

12.2. Persistence and degradability

Biodegradation

Data for mixture

The product has not been tested.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

| | | |
|---------------|---|---------------|
| Inoculum | : | Not available |
| Guideline | : | OECD 301F |
| Test duration | : | 28 |
| Unit | : | days |

| Parameter | Degradation rate | Unit |
|-----------|------------------|---|
| - | > 60 | % |
| Remarks | : | The substance is readily biodegradable. |

12.3. Bioaccumulative potential**Bioconcentration factor (BCF)****Data for mixture**

The product has not been tested.

Substances**Alcohols, C8-10, ethoxylated propoxylated (CAS: 68603-25-8)**

| | | |
|-----------|---|---------------------|
| Species | : | Pimephales promelas |
| Guideline | : | Not available |
| Log kow | : | 2.08 (estimated) |

Bioconcentration factor (BCF)

| | | |
|---------|---|--|
| - | | |
| Remarks | : | The substance has a low bioaccumulation potential. |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

According to UK REACH (Regulation (EC) No 1907/2006, as retained in UK law), no substances in this mixture are assessed as PBT or vPvB.

12.6. Endocrine disrupting properties

According to UK REACH, based on the criteria set out in the retained versions of Regulation (EU) 2017/2100 and Regulation (EU) 2018/605, no substances in this mixture are known to have endocrine-disrupting properties.

12.7. Other adverse effects

Not available

12.8. Additional ecotoxicological information

Not available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods****Waste codes/waste designations according to the UK List of Wastes (LoW).**

The allocation of waste identity numbers and waste descriptions must be carried out according to the UK List of Wastes (retained from Decision 2000/532/EC) and be specific to the industry and process.

Waste treatment options

Dispose of waste according to applicable legislation.

Non-contaminated packages must be recycled or disposed of.
Contaminated packing must be completely emptied and can be reused after proper cleaning.
Packing which cannot be properly cleaned must be disposed of.
Dispose of waste according to applicable legislation.

Remark

Consult the appropriate authorities about waste disposal.
The waste is to be kept separate from other types of waste until its disposal.

SECTION 14: TRANSPORT INFORMATION**ADR, IMDG, IATA**

The product is not hazardous according to the applicable transport regulations.

14.1. UN number

Not regulated.

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not regulated.

14.7. Maritime transport in bulk according to IMO instruments

Not regulated.

14.8. Additional information

Not available

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This SDS has been established in accordance with REACH regulation (EC) No 1907/2006 as amended by UK REACH Regulations SI 2019/758.
This SDS has been established in accordance with CLP CLP Regulation EC No. 1272/2008 as amended by GB-CLP regulation, UK SI 2019/720 and UK SI 2020/1567.

UK legislations

UK REACH List of restrictions (Annex 17)
Not applicable

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation
Not applicable

UK REACH List of substances subject to authorisation (Annex XIV)

Not applicable

EU legislation

Detergent labelling (EC Regulation No. 648/2004 and 907/2006): < 5% non-ionic surfactants

15.2. Chemical Safety Assessment

For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

15.3. Additional information

Not available

SECTION 16: OTHER INFORMATION

| | |
|----------------|------------|
| Creation date: | 25/11/2021 |
| Version date: | 02/07/2025 |
| Printing date: | 02/07/2025 |

16.1. Indication of changes

No data available.

16.2. Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP] as amended by GB-CLP regulation, UK SI 2019/720 and UK SI 2020/1567]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008 as amended by GB-CLP regulation, UK SI 2019/720 and UK SI 2020/1567.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| | | |
|------|-------------------|-------------------------------|
| H302 | Acute Tox. 4 ORAL | Harmful if swallowed |
| H318 | Eye Dam. 1 | Causes serious eye damage. |
| H319 | Eye Irrit. 2 | Causes serious eye irritation |

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information provided in this Safety Data Sheet is based on our current knowledge and on UK regulations, including UK REACH and GB-CLP. This document outlines safety requirements related to the uses identified in Section 1; it does not constitute a guarantee of the product's specific properties, particularly in the case of unlisted or non-intended uses.

The product must not be used for any purpose other than those identified in Section 1. As we do not have control over the user's specific working conditions, it is the responsibility of the user to ensure compliance with applicable legislation and to take all necessary precautions to avoid health or environmental risks.