

SAFETY DATA SHEET

DOUGLAS CONCENTRATED SUGAR SOAP

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

1.1. Product identifier

Product name DOUGLAS CONCENTRATED SUGAR SOAP
REACH Registration number Mixture
REACH Registration notes Registration number is not applicable as this is a mixture.

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

Identified uses SU 3 - INDUSTRIAL USES SU 21 - CONSUMER USES SU 22 - PROFESSIONAL USES PC35 Washing and cleaning products
Uses advised against Not to be used for cleaning skin. REASON: THIS PRODUCT COULD DEFAT THE SKIN LEADING TO IRRITATION AND /OR DERMATITIS

1.3. Details of the supplier of the safety data sheet

Supplier Curust Industries Limited
Southern Cross Business Park
Bray
Co Wicklow
(01) 2760800
Sales@curust.ie

1.4. Emergency telephone number

01482 678727 0800-1700 Monday to Friday NHS Direct (General Public & Workers) 0845 4647

National Emergency Telephone Number

National Poisons Information Service (24hours) 0844 892 0111

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|-------------------------------|-----------------|
| Physical and Chemical Hazards | Not classified. |
| Human health | Not classified. |
| Environment | Not classified. |

Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

Splashes in the eyes may cause redness and irritation. Prolonged skin contact may cause redness, irritation and dry skin.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

DOUGLAS CONCENTRATED SUGAR SOAP

| | | |
|---|---|---------------------------------------|
| TRISODIUM NITRILOTRIACETATE | | 1.5% |
| CAS-No.: 5064-31-3 | EC No.: 225-768-6 | |
| Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351 | Classification (67/548/EEC) Carc. Cat. 3;R40 Xn;R22 Xi;R36 | |
| SODIUM HYDROXIDE | | 0.0375% |
| CAS-No.: 1310-73-2 | EC No.: 215-185-5 | Registration Number: 01-2119457892-27 |
| Classification (EC 1272/2008) Skin Corr. 1A - H314 | Classification (67/548/EEC) C;R35 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

REACH Registration number Mixture

REACH Registration notes Registration number is not applicable as this is a mixture.

Composition Comments

This product contains amongst other ingredients: Less than 5% Anionic Surfactant Less than 5% Non-Ionic Surfactant

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances. Move into fresh air and keep at rest. Place unconscious person on the side in the recovery position and ensure breathing can take place. If breathing stops, provide artificial respiration.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation.

Sore throat.

Ingestion

There may be soreness and redness of the mouth and throat.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritating and may cause redness and pain.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

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Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Oxides of: Carbon. Nitrogen.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

Considering the size of the packaging, the risk is regarded as minimal. Fire water contaminated with this product must be contained and prevented from being discharged to any waterway, sewer or drain.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. In case of a large fire or in confined or poorly ventilated spaces, wear full fire retardant protective clothing and self contained breathing apparatus with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13. See section 11 for more detailed information on health effects and symptoms.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Follow instructions and ensure correct dilution of this product before use. Avoid contact with skin and eyes. Do not handle broken packages without protective equipment. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Protect from freezing and direct sunlight.

Storage Class

Unspecified storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description

Keep out of reach of children. Apply "common sense" measures when handling this product. Keep containers closed when not in use. Avoid all contact with skin and eyes.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Name | STD | TWA - 8 Hrs | | STEL - 15 Min | | Notes |
|------------------|-----|-------------|---------|---------------|---------|-------|
| SODIUM HYDROXIDE | WEL | | 2 mg/m3 | | 2 mg/m3 | |

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WEL = Workplace Exposure Limit.

TRISODIUM NITRILOTRIACETATE (CAS: 5064-31-3)

DNEL

| | | | | |
|----------|-------------|------------|------------------|---------------|
| Industry | Inhalation. | Short Term | Systemic Effects | 9.6 mg/m3 |
| Industry | Inhalation. | Long Term | Systemic Effects | 3.2 mg/m3 |
| Consumer | Inhalation. | Short Term | Systemic Effects | 2.4 mg/m3 |
| Consumer | Oral | Short Term | Systemic Effects | 0.9 mg/kg/day |
| Consumer | Inhalation. | Long Term | Systemic Effects | 0.8 mg/m3 |
| Consumer | Oral | Long Term | Systemic Effects | 0.3 mg/kg/day |

PNEC

| | | | |
|----------|-------------|----------------------|------------|
| Industry | Freshwater | Long Term | 0.93 mg/l |
| Industry | Marinewater | Long Term | 0.093 mg/l |
| Industry | Water | Intermittent release | 0.8 mg/l |
| Industry | STP | Long Term | 270 mg/l |

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash station.

Engineering measures

No particular ventilation requirements.

Respiratory equipment

Respiratory protection not required.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Appearance | Liquid |
| Colour | Yellow. |
| Odour | Detergent. |
| Solubility | Soluble in water. Insoluble in ordinary solvents. |
| Initial boiling point and boiling range | 100 |
| Melting point (°C) | Not applicable. |
| Relative density | 0.955 - 1.055 |
| Bulk Density | Not relevant |
| Vapour density (air=1) | Not relevant |
| Vapour pressure | Not relevant |
| | Not combustible Water based |
| pH-Value, Conc. Solution | 10.5-11.5 |

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Ready to use state

Viscosity

32-37 (b2 cup)

Solubility Value (G/100G H₂O@20°C)

Not relevant

Flash point

not flammable

Auto Ignition Temperature (°C)

Not applicable.

Not combustible Water based

Flammability Limit - Lower(%)

Not applicable.

Water based Not combustible

Flammability Limit - Upper(%)

Not applicable.

Not combustible Water based

Explosive properties

Not Explosive

Oxidising properties

Does not meet the criteria for oxidising.

Comments

Information declared as "Not available, Not relevant or Not applicable" is not considered justified for enabling proper control measures to be taken.

9.2. Other information

Volatile By Vol. (%)

0

Water based

Volatile Organic Compound (VOC)

0

Water based

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

None at ambient temperatures. In case of fire irritating fumes and smoke will be evolved.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

The severity of acute effects is such that significant repeated or prolonged exposure is unlikely. There is no data for the product as a whole. The product has been assessed following the conventional method and is classified for toxicological hazards accordingly. The data quoted below is for the main hazardous ingredient.

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Inhalation

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

May cause defatting of the skin, but is not an irritant. Repeated exposure may cause skin dryness or cracking.

Eye contact

Splashes may irritate.

Route of entry

Ingestion. Skin and/or eye contact.

Target Organs

Eyes Skin

Medical Symptoms

May cause discomfort if swallowed. Skin contact may cause: Dry skin.

Medical Considerations

Skin disorders and allergies. Pre-existing eye problems.

Specific effects

Frequent or prolonged skin contact destroys the lipid cutaneous layer and may cause dermatitis.

Toxicological information on ingredients.

TRISODIUM NITRILOTRIACETATE (CAS: 5064-31-3)

Acute toxicity:

Acute Toxicity (Oral LD50)

~ 1740 mg/kg Rat

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l >100 trisodium Nitrilotriacetate

EC 50, 48 Hrs, Daphnia, mg/l >100 trisodium nitrilotriacetate

IC 50, 72 Hrs, Algae, mg/l >100 Trisodium Nitrilotriacetate

Ecological information on ingredients.

TRISODIUM NITRILOTRIACETATE (CAS: 5064-31-3)

LC 50, 96 Hrs, Fish mg/l

>100

EC 50, 48 Hrs, Daphnia, mg/l

>100

IC 50, 72 Hrs, Algae, mg/l

>100

12.2. Persistence and degradability

Degradability

This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The substance is readily biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is miscible with water. May spread in water systems.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.

Waste Class

EU Waste code 20 01 30 detergents other than those mentioned in 20 01 29. Empty plastic containers can be disposed of using EU Waste code 15 01 02 plastic packaging. These codes have been assigned based on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable.

SECTION 14: TRANSPORT INFORMATION

| | |
|-----------------------------|---|
| General | The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
| Road Transport Notes | Not Classified |
| Rail Transport Notes | Not classified. |
| Sea Transport Notes | Not classified. |
| Air Transport Notes | Not classified. |

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

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Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Environmental Listing

Control of Pollution Act 1974. The surfactants contained in this product comply with the biodegradability criteria laid down in EC No 648/2004 Articles 4 and 9 on detergents. Data to support this assertion is held at the disposal of the competent authorities of the Member States and will be made available to them on their request.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information

When surfaces are to be prepared for painting account must be taken of the age of the property and the possibility that lead may be present. As a working rule you should assume that this will be the case if the age of the property is pre 1960. Where possible wet flatting or chemical stripping methods should be used with surfaces of this type to avoid the formation of lead dust.

Training Advice

The information on directions for use can be found on the product label. It is important to ensure that anyone using this product in the workplace has been adequately trained and in particular: The use of personal protective equipment. methods of cleaning up and disposal of waste. The basic first aid arrangements.

Revision Date 16/07/2014

Revision 8

Supersedes date 16/07/2014

Safety Data Sheet Status Approved.

Risk Phrases In Full

| | |
|-----|--|
| R35 | Causes severe burns. |
| R22 | Harmful if swallowed. |
| R36 | Irritating to eyes. |
| R40 | Limited evidence of a carcinogenic effect. |
| NC | Not classified. |

Hazard Statements In Full

| | |
|------|--|
| H319 | Causes serious eye irritation. |
| H314 | Causes severe skin burns and eye damage. |
| H302 | Harmful if swallowed. |
| H351 | Suspected of causing cancer. |

DOUGLAS CONCENTRATED SUGAR SOAP

Disclaimer

The information contained in this data sheet is provided in accordance with the requirements of the Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) The product should not be used for purposes other than those shown in Section 1.2. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present knowledge and the current EC and Uk Legislation. It provides guidance on health, safety and environmental aspects of the product and should not be taken as a product specification.