

## 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

<b>TRISODIUM NITRILOTRIACETATE</b>		<b>1.5%</b>
<b>CAS-No.: 5064-31-3</b>	<b>EC No.: 225-768-6</b>	
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	
<b>SODIUM HYDROXIDE</b>		<b>0.0375%</b>
<b>CAS-No.: 1310-73-2</b>	<b>EC No.: 215-185-5</b>	<b>Registration Number: 01-2119457892-27</b>
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

# DOUGLAS CONCENTRATED SUGAR SOAP

## 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	

# DOUGLAS CONCENTRATED SUGAR SOAP

WEL = Workplace Exposure Limit.

## TRISODIUM NITRILOTRIACETATE (CAS: 5064-31-3)

### **DNEL**

Industry	Inhalation.	Short Term	Systemic Effects	9.6 mg/m <sup>3</sup>
Industry	Inhalation.	Long Term	Systemic Effects	3.2 mg/m <sup>3</sup>
Consumer	Inhalation.	Short Term	Systemic Effects	2.4 mg/m <sup>3</sup>
Consumer	Oral	Short Term	Systemic Effects	0.9 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	0.8 mg/m <sup>3</sup>
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**

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

# DOUGLAS CONCENTRATED SUGAR SOAP

Ready to use state

**Viscosity**

32-37 (b2 cup)

**Solubility Value (G/100G H<sub>2</sub>O@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.

# DOUGLAS CONCENTRATED SUGAR SOAP

## 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.

# DOUGLAS CONCENTRATED SUGAR SOAP

## **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**

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

# DOUGLAS CONCENTRATED SUGAR SOAP

## 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 flapping 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.