

SAFETY DATA SHEET SUGAR SOAP POWDER

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

1.1. Product identifier

Product name SUGAR SOAP POWDER
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 PC35 Washing and cleaning products
Uses advised against Not to be used for cleaning skin.

1.3. Details of the supplier of the safety data sheet

Supplier Bartoline limited
Barmston Close
Beverley
East Yorkshire
HU17 0LW
01482 678710
fax 01482 872606
HSE MANAGER
www.bartoline.co.uk

1.4. Emergency telephone number

01482 678727 0800-1700 Monday to Friday
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

Inhalation of powder/dust may cause lung oedema. Dust may irritate the eyes and the respiratory system. Prolonged skin contact may cause redness and irritation.

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

SUGAR SOAP POWDER

DISODIUM METASILICATE		< 1%
CAS-No.: 6834-92-0	EC No.: 229-912-9	
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37	
SODIUM CARBONATE		1-5%
CAS-No.: 497-19-8	EC No.: 207-838-8	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36	

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

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

Composition Comments

This product contains amongst other ingredients: Greater than 10% Sodium Sesquicarbonate. Less than 5% Anionic Surfactant Less than 5% Non-Ionic Surfactant Less than 5% phosphate Less than 5% Oxygen based bleaching agents

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and provide fresh air. 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

Inhalation.

Coughing, chest tightness, feeling of chest pressure.

Ingestion

May cause discomfort if swallowed.

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

None under normal conditions.

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Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

Not relevant

5.3. Advice for firefighters

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

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

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

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

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.

7.3. Specific end use(s)

Usage Description

Always follow on pack instructions regarding mixing ratios

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min	Notes
SODIUM CARBONATE	WEL			5 mg/m ³	

WEL = Workplace Exposure Limit.

After assessment of the physicochemical properties, a DNEL derivation is considered unnecessary.

Soil, sediments and marine water contain considerably high concentrations of sodium, carbonate and bicarbonate ions naturally. The L(E)C50 value is >100mg/l and both sodium bicarbonate and carbonate have values well in excess of this figure. Therefore this product does not need to be classified according to directive 67/548/EEC and EU Classification, labelling and Packaging of Substances and Mixtures (CLP) Regulation (EC) No.1272/2008.

8.2. Exposure controls

Protective equipment



Process conditions

The Workplace Exposure Limit (WEL) for this product is 10mg/m³ (8hour TWA)

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Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

Respiratory equipment

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

Wear approved safety goggles.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Powder, dust
Colour	White / off-white.
Odour	Mild.
Solubility	Completely soluble in water
pH-Value, Diluted Solution	10-10.5 10%
Flash point	not applicable

9.2. Other information

Particle Size (Micron)	Not Available
Volatile Organic Compound (VOC)	not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reacts with acids, evolving carbon dioxide.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

Avoid contact with acids. Humidity and moisture can cause caking of product.

10.5. Incompatible materials

Materials To Avoid

Strong acids.

10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

Oral LD₅₀, rat : >4000 mg/kg (based on sodium bicarbonate study)

• the substance quickly dissociates into sodium and carbonate ions which are not considered harmful to health and no effects are considered toxic.

Not classified according to EU Directive 67/548/EEC and CLP Regulation (EC) No. 1272/2008

Acute toxicity:

Acute Toxicity (Oral LD₅₀)

> 4000 mg/kg Rat

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Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Not irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

There is evidence that the material can lead to respiratory hypersensitivity.

Considered not to have any sensitising properties, based on the physiological properties of both its constituent ions and the lack of any reported issues.

Germ cell mutagenicity:

Negative.

Carcinogenicity:

No evidence of Trisodium hydrogencarbonate having any carcinogenic effects.

Does not contain any substances known to be carcinogenic.

Reproductive Toxicity:

No data on reproduction toxicity available. however, based on normal physiological role of sodium and carbonate ions, no toxicity on mammalian or human reproduction is expected.

Does not contain any substances known to be toxic to reproduction.

Inhalation

Dust in high concentrations may irritate the respiratory system.

Ingestion

May cause discomfort if swallowed.

Skin contact

Powder may irritate skin.

Eye contact

Particles in the eyes may cause irritation and smarting.

Toxicological information on ingredients.

SODIUM CARBONATE (CAS: 497-19-8)

Acute toxicity:

Acute Toxicity (Oral LD50)

~ 4090 mg/kg Rat

DISODIUM METASILICATE (CAS: 6834-92-0)

Acute toxicity:

Acute Toxicity (Oral LD50)

~ 1153 mg/kg Rat

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

Non-Toxic, the product dissociates readily into its constituent ions, all of which are abundant in nature.

Acute Fish Toxicity

Not considered toxic to fish.

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Ecological information on ingredients.

LC 50, 96 Hrs, Fish mg/l

33-740

EC 50, 48 Hrs, Daphnia, mg/l

265

IC 50, 72 Hrs, Algae, mg/l

>2420

SODIUM CARBONATE (CAS: 497-19-8)

Acute Toxicity - Fish

LC50 96 hours ~ 124 mg/l Brachydanio rerio (Zebra Fish)

EC 50, 48 Hrs, Daphnia, mg/l

300

DISODIUM METASILICATE (CAS: 6834-92-0)

12.2. Persistence and degradability

Degradability

The surfactant(s) contained in this preparation complies(comply) 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.

12.3. Bioaccumulative potential

Bioaccumulative potential

Will not bio-accumulate.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

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

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

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. Powder to be collected, sealed tightly in bags and disposed on approved landfills. Recover and reclaim or recycle, if practical.

Waste Class

Empty packaging can be disposed of as EU Waste Code 15 01 01. EU Waste code 20 01 30 detergents other than those mentioned in 20 01 29.

SECTION 14: TRANSPORT INFORMATION

General	Not regulated. 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

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14.2. UN proper shipping name

14.3. Transport hazard class(es)

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

Environmental Listing

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.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out. A Chemical Safety Assessment/Report (CSA/CSR) has been undertaken on the main ingredient Trisodium Hydrogencarbonate.

SECTION 16: OTHER INFORMATION

Revision Date 25/06/2014

Revision 6

Supersedes date 28/02/2013

Risk Phrases In Full

R34 Causes burns.
R36 Irritating to eyes.
R37 Irritating to respiratory system.
NC Not classified.

Hazard Statements In Full

H319 Causes serious eye irritation.
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.