

SAFETY DATA SHEET- **Sonic Chem Keep Clean**

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING1.1. Product identifierProduct name **Sonic Chem Keep Clean**1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Detergent

1.3. Details of the supplier of the safety data sheet

Supplier Ultrasonic Products International
 Abacus House
 33 Gutter Lane
 London
 EC2V 8AR
 United Kingdom
 +44 (0) 870 626 2055 in office hours
enquiries@sonic-wash.com

1.4. Emergency telephone number

+44 (0) 870 626 2055 in office hours, out of hours +44 (0) 7802 54 11 97

SECTION 2: HAZARDS IDENTIFICATION2.1. 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 162.2. Label elements

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

No pictogram required

Precautionary Statements

P102	Keep out of reach of children.
P305	IF IN EYES:
P351	Rinse cautiously with water for several minutes.
P313	Get medical advice/attention.

Supplemental label information

EUH210 Safety data sheet available on request.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS3.2. Mixtures**SODIUM ALKYL C10-16 ETHER SULPHATE**

10-15%

CAS-No.: 68585-34-2

EC No.:

Classification (EC 1272/2008)

Classification (67/548/EEC)

Skin Irrit. 2-H315

Xi;R38,R41

Eye Dam. 1-H318

SODIUM DODECYL BENZENE SULPHONATE

2.5-5%

CAS-No.: 25155-30-0

EC No.:

Classification (EC 1272/2008)

Classification (67/548/EEC)

Acute. Tox. 4 - H302

Xn;R22

Skin Irrit. 2 - H315

Xi;R38,R41

Eye Dam. 1 - H318

ALKYL ALCOHOL (C9-11) ETHOXYLATES

2.5-5%

CAS-No.: 68439-46-3

EC No.: 266-367-6

Classification (EC 1272/2008)

Classification (67/548/EEC)

Acute Tox. 4 - H302

Xn;R22.

Eye Dam. 1 - H318

Xi;R41

ALKYL AMIDO PROPYL DIMETHYLAMINE BETAINE

1-2.5%

CAS-No.: 61789-40-0

EC No.: 263-058-8

Classification (EC 1272/2008)

Classification (67/548/EEC)

Eye Irrit. 1 - H319

Xi;R36

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16**SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**General information**

CAUTION! First aid personnel must be aware of own risk during rescue! Contact physician if discomfort continues.

Inhalation

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

Ingestion

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

Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing. Contact physician if irritation continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

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

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire fighter

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, watercourses or onto the ground.

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

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Provide good ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s)

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation.

Respiratory equipment

Respiratory protection not required.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended. Simple design for minimal risk.

Eye protection

Wear approved, tightly fitting safety glasses where splashing is probable. EN166

Other Protection

Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Environmental Exposure Controls

Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index/htm and www.envirowise.gov.uk

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue
Odour	Lemon
Solubility	Soluble in water
Initial boiling point and boiling range	Not applicable
Melting point (°C)	Not applicable
Relative density	1.022 typical @ 20°C
Bulk density	Not applicable
Vapour density (air=1)	Not determined
Vapour pressure	Not determined
Evaporation rate	Not determined
Evaporation factor	Not applicable
pH-Value, concentrated solution	7.5 typical
Viscosity	500cPs typical
Solubility value (G/100G H2O @ 20°C)	Not applicable
Decomposition temperature (°C)	Not applicable
Odour threshold, lower	Not applicable
Odour threshold, upper	Not applicable
Flash point (°C)	Not applicable
Auto ignition temperature (°C)	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable
Comments	Information given concerns the concentrated solution.

9.2. Other information

Not relevant.

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.

10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

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

Fire creates

Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Inhalation

Inhalation

No specific health warnings noted.

Ingestion

Ingestion

May irritate and cause stomach pain, vomiting and diarrhoea.

Skin contact

Skin contact

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

Eye contact

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity

There are no data on the eco toxicity of this product. Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product. The surfactants contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EU) 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. Bio accumulative potential

Bio accumulative potential

No data available on bio accumulation

12.4. Mobility in soil

Mobility

The product is soluble in water and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Not classified as PBT/vPvB by current EU criteria

12.6. Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Do not discharge into drains, watercourses or onto ground.

13.1. Waste treatment method

Dispose of waste and residues in accordance with local authority requirements. Packaging is recyclable. Wash out containers with water before disposal.

SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
14.1. UN number	Not applicable
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	
Environmentally Hazardous Substance/Marine Pollutant	No
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: REGULATORY INFORMATION

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

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.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

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

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108). Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

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. Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

Workplace Exposure Limits 2005 (EH40)

Health and Safety at Work Act (As Amended) 1974

Control of Substances Hazardous to Health Regulations 2002 (as amended)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By	HS&E Manager
Revision Date	05/03/2014
Revision	8
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SDS No.	
Safety Data Sheet Status	Approved

Risk Phrases In Full

R22	Harmful if swallowed
R36	Irritating to eyes
R38	Irritating to skin
NC	Not classified
R41	Risk of serious damage to eyes

Hazard Statements In Full

H318	Causes serious eye damage
H319	Causes serious eye irritation
H315	Causes skin irritation
H332	Harmful if inhaled
H302	Harmful if swallowed

Legal disclaimer: The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. It does not comprise technical or performance specification for this product. The above information is based on the present state of our knowledge at the time of publication and is intended solely as a general guide to the health, safety and environmental implications of this product for handling and disposal during general use. It does not replace the users own assessment of suitability for their purposes and of workplace risk as required by Health and Safety legislation. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. Ultrasonic Products International shall not be held liable for any damage resulting from handling or from contact with the above product. The user must satisfy themselves that the product is entirely suitable for their purpose. Due to the diverse applications for this product, Ultrasonic Products International cannot accept liability for damage of any nature, resulting from the use of this product.