

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

According to Regulation (EU) No 453/2010

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

1.1. Product identifier:

Product name **Sonic Chem Soak Clean**

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

Identified uses Enzymatic Cleaning agent

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 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)

Risk phrases: None
 Safety phrases: None
 Symbols: None

2.2. 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.
 None known.

2.3. Other hazards:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures:

Contains: Not Applicable

Substances with community workplace exposure limits, not listed above:

Name: Propylene glycol (mpg)
CAS: 57-55-6
EC: 200-338-0
Percentage: 15%

Substances that are persistent, bio-accumulative and toxic or very persistent and very bio-accumulative, greater than 0.1%: Not applicable

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

Remove from exposure site to fresh air, keep at rest, and obtain medical attention

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

Skin contact

Remove contaminated clothes and rinse skin thoroughly with soap and water. Get medical attention if Irritation persists after washing.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention promptly if symptoms occur after washing.

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

None expected, see Section 4.1 for further information.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

Extinguishing media Carbon dioxide, Dry chemical, Foam.

5.2. Special hazards arising from the substance or mixture:

Specific hazards In case of fire, Carbon monoxide, unidentified organic compounds may be formed.

5.3. Advice for firefighters:

Protective equipment for fire fighters.
 Self contained breathing apparatus and full protective clothing must be worn in case of insufficient ventilation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. For personal protection, see section 7 and 8.

Avoid discharge into drains, watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

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.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as described in Section 8 of this safety data sheet. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. 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 a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.
Use in accordance with good manufacturing and industrial hygiene practices.
From the data on storage duration in this safety data sheet no agreed statement regarding the warrantee of application properties can be deduced.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Workplace exposure limits:

Ingredient	CAS	EC	Description	ppm	mg/m ³	Reference
Propylene glycol (mpg)	57-55-6	200-338	Long-term exposure limit	150.00	474.00	UK EH40 Oct 2007
		-0	(8-hour TWA reference period)	000	000	
			Short-term exposure limit			
			(15 minute reference period)	-		UK EH40 Oct 2007

8.2. Exposure controls:

Protective equipment



Respiratory equipment

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

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	See through
Colour	Blue
Odour	Characteristic
Solubility	100% Miscible with water
Flashpoint	70°C
pH	>11.0 in 2.5% solution @20°C
Explosive properties	Not applicable

9.2. Other information:

Not available. Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2. Chemical stability:

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4. Conditions to avoid:

Avoid extreme heat.

10.5. Incompatible materials:

Materials To Avoid. Strong acids, alkalis or oxidizing agents.

10.6. Hazardous decomposition products:

None under normal conditions

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC, in accordance with Regulation (EC) No 1907/2006 (REACH). In addition, toxicity information for the mixture, if available, is provided below in accordance with methods given in Regulation (EC) No 1272/2008.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: 0
Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: 0
Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available
Inhalation Route: Not Available
Information about hazardous ingredients in the mixture Not Applicable

Refer to Sections 2 and 3 for additional information.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity: Not available

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: No data available on bioaccumulation

12.4. Mobility in soil: The product is soluble in water

12.5. Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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 the local Waste Disposal Authority.

13.1. Waste treatment methods:

Dispose of waste and residues in accordance with local authority requirements. Board packaging is recyclable.

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 Not environmentally hazardous for transport.
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:

None Additional

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.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SECTION 16: OTHER INFORMATION

Issued By HS&E Manager
Revision Date 05/03/2014
Revision 10
Supersedes date 05/11/2013
Safety Data Sheet Status Approved

Classification under Regulation (EC) No 1272/2008

Class and category of danger:	This material does not meet the criteria for classification under Regulation (EC) No 1272/2008.
Signal word:	None.
Hazard statements:	None.
Supplemental Information:	EUH210, Safety data sheet available on request.
Precautionary statements:	None.
Pictograms:	None.
Key to revisions:	Not applicable
Key to abbreviations:	Not applicable

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. rapidex ltd 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, rapidex ltd cannot accept liability for damage of any nature, resulting from the use of this product.