

**SAFETY DATA SHEET-Sonic Chem Deep 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 Deep Clean**1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses

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  
 0870 626 2055 in office hours  
[enquiries@sonic-wash.com](mailto: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
	Not classified

Classification (1999/45/EEC)

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

Not Classified as PBT/vPvB by current EU criteria.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**PROPANE-1,2-DIOL**

CAS-No.: 57-55-6

EC No.: 200-338-0

Classification (EC 1272/2008)

Classification (67/548/EEC)

Not classified

Not classified

**SODIUM DODECYL SULPHATE**

CAS-No.: 151-21-3

EC No.: 205-788-1

Classification (EC 1272/2008)

Classification (67/548/EEC)

Flam. Sol. 1 - H228

Xn;R20/22

Acute Tox. 4 - H302

Xi;R37/38, R41

Acute Tox. 4 - H332

F;R11

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

STOT SE 3 - H335

**TRISODIUM PHOSPHATE (ANHYDROUS)**

CAS-No.: 7601-54-9

EC No.: 231-509-8

Classification (EC 1272/2008)

Classification (67/548/EEC)

Skin Irrit. 2 - H315

Xi;R36/37/38.

Eye Irrit. 2 - H319

STOT SE 3 - H335

**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.

**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 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**Inhalation**

No specific symptoms noted.

**Ingestion**

No specific symptoms noted.

**Eye contact**

Irritating and may cause redness and pain.

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

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide or dry powder. Water spray

### 5.2. Special hazards arising from the substance or mixture

Specific hazards

In case of fire, toxic gases may be formed.

### 5.3. Advice for firefighters

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. Avoid inhalation of vapours and contact with skin and eyes.

### 6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13, Avoid 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 spillage with non-combustible, absorbent material. For personal protection, see section 8

### 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

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

Name	STD	TWA - 8 Hrs.	STEL - 15 Min	Notes
PROPANE-1,2-DIOL	WEL	150 ppm	474 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate ventilation.

#### Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

#### Hand protection

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### Eye protection

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

#### Other Protection

Provide eyewash station.

#### 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.

#### Skin protection

Wear apron or protective clothing in case of contact.

#### 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](http://www.dti.gov.uk/access/index/htm) and [www.envirowise.gov.uk](http://www.envirowise.gov.uk)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Green
Solubility	Soluble in water
Initial boiling point and boiling range	Not applicable
Melting point (°C)	Not applicable
Density	~1.10 kg/l
Bulk density	Not applicable
Vapour density (air=1)	Not determined
Vapour pressure	Not determined
Evaporation rate	Not determined
Evaporation factor	Not applicable
pH, concentrated solution	10.0
Viscosity	800 cPs 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
Auto ignition temperature (°C)	Not applicable
Flash point (°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 and recommended use

### 10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise

### 10.4. Conditions to avoid

Avoid contact with acids

### 10.5. Incompatible materials

Materials To Avoid

Strong acids

### 10.6. Hazardous decomposition products

None under normal conditions

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxic Dose 1 - LD 50 (CAS 13845-36-8) >2000 mg/kg (oral rat)

Toxic Dose 2 - LD 50 (CAS 13845-36-8) >4640 mg/kg (dermal rabbit)

#### Acute toxicity:

Oral LD 50 (CAS 7601-54-9) >2000 mg/kg rat

Oral LD 50 (CAS 151-21-3) >1500 mg/kg rat

Dermal LD 50 (CAS 151-21-3) >500 mg/kg rabbit

LC 50 (CAS 7601-54-9) >0.83 mg/ L air 4 h rat

Inhalation LC 50 (CAS 7601-54-9) >0.83 mg/ L air 4 h rat

Inhalation LC 50 (CAS 151-21-3) >3, 900 mg/m<sup>3</sup> 1 h rat

#### Respiratory or skin sensitisation:

Respiratory or skin sensitisation

Not sensitizing

#### Germ cell mutagenicity:

Genotoxicity - In Vitro

Not available

Genotoxicity - In Vivo

Not available

#### Carcinogenicity:

Carcinogenicity

Not available

#### Reproductive Toxicity:

Reproductive Toxicity - Fertility

Not available

#### Specific Target Organ Toxicity – single exposure:

STOT - Single exposure

Not available

#### Specific Target Organ Toxicity – repeated exposure:

STOT - Repeated exposure

Not available

#### Inhalation

Inhalation

No specific health warnings noted

#### Ingestion

Ingestion

No specific health warnings noted

#### Skin contact

Skin contact

No specific health warnings noted

#### Eye contact

Eye contact

No specific health warnings noted

## SECTION 12: ECOLOGICAL INFORMATION

### Eco toxicity

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

### 12.1. Toxicity

Acute Toxicity Fish (CAS 151-21-3) 96 h LC50 29 mg/l basis for effect mortality

Acute Toxicity Aquatic Invertebrates (CAS 151-21-3) Ceriodaphnia dubia 48 h LC 50 5.55 mg/l

Aquatic Invertebrates (CAS 7601-54-9) Daphnia magna 48 h EC 50 276.61 mg/l

Acute Toxicity Aquatic Invertebrates (CAS 7757-82-6) Daphnia magna 48 h EC50 276.61 mg/l

Acute Toxicity - Aquatic Plants (151-21-3) Algae 72 h EC 50 >120 basis for effect growth rate

### 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 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

Waste to be treated as controlled waste.

### 13.1. Waste treatment methods

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

14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
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

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Revision	10
Superseded Date	05/11/2013
SDS No.	10538
Safety Data Sheet Status	Approved

#### Risk Phrases In Full

R20/22	Harmful by inhalation and if swallowed
R11	Highly flammable
R36/37/38	Irritating to eyes, respiratory system and skin
R36	Irritating to eyes
R37/38	Irritating to respiratory system and 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
H335	May cause respiratory irritation

**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.

