

## 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 LLC  
 4600 North Ocean Boulevard Suite # 206  
 Boynton Beach  
 Florida  
 33435  
 United States of America  
 + (321) 953 2345 in office hours  
[enquires@sonic-wash.com](mailto:enquires@sonic-wash.com)

#### 1.4. Emergency telephone number

+ (321) 953 2345 in office hours, out of hours + (561) 376 9880

### 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.

#### 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

< 1%

CAS-No.: 57-55-6

EC No.: 200-338-0

Classification (EC 1272/2008)

Not classified Classification (67/548/EEC)

Not classified

##### SODIUM DODECYL SULPHATE

2-3%

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)

3-5%

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

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! 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 chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

### **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.

Usage Description 2 year shelf life.

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**

Name	STD	TWA - 8 Hrs.	STEL - 15 Min	Notes
PROPANE-1,2-DIOL	WEL	150 ppm 474 mg/m3		

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 at the end of each work shift and before eating, smoking and using the toilet. Wash hands after contact. Wash hands after handling. Wash 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
<u>9.2. Other information</u>	

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 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 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. 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. 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

7

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
H228	Flammable solid
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.