



# SAFETY DATA SHEET

of

## Ultrasonic Jewelry and Eye Wear Cleaning Solution Concentrate

### 1. PRODUCT IDENTIFICATION

Product Name: Ultrasonic Jewelry and Eye Wear Cleaning Solution Concentrate  
Product No.: CSGJ01  
Manufacturer:  
iSonic Inc.  
2243 S. Throop St.  
Chicago, IL 60608  
Tel: 847-850-0404 Fax: 847-756-7513  
e-mail: info@isonicinc.com  
www.isonicinc.com, www.isonic-us.com

### 2. HAZARDOUS IDENTIFICATION

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. and/or WHMIS under the HPA. These substances are listed because in their pure bulk form they meet the OSHA and/or WHMIS definition of hazardous.

#### Hazard Category

Eye Damage / Irritation	Category 2B
Signal Word	WARNING
Hazard Statements	Causes eye irritation
Hazard pictograms	None

#### Potential acute health effects

**Eyes:** Slightly irritating to the eyes.  
**Skin:** No known significant effects or critical hazards.  
**Inhalation:** No known significant effects or critical hazards.  
**Ingestion:** No known significant effects or critical hazards.

Precautionary Statements-Prevention Wash hands thoroughly after handling

#### Precautionary Statements-Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention



IF SWALLOWED: Drink 1 or 2 glasses of water

Precautionary Statements Storage	None
Precautionary Statements Disposal	None
Hazards not otherwise classified (HNOC)	None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Composition Range
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	4-6%
Amines, C10-16 alkyldimethyl, N-oxides	70592-80-2	0.4 - 2%
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts	68585-34-2	0.4-2%
Ethyl alcohol	64-17-5	0.4-2%
d-glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	0.2-0.4%

### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

Eye contact irritation persists.	Rinse with plenty of water. Get medical attention immediately if irritation persists.
Skin contact develops and persists.	Rinse with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Most important symptoms/effects, acute and delayed	None under normal use conditions.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician    Treat symptomatically.

5. FIRE-FIGHTING MEASURES
---------------------------

Suitable extinguishing media	Dry chemical, CO 2, alcohol-resistant foam or water spray.
Unsuitable Extinguishing Media	None.
Special hazard	None known.
<b>Special protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	Fire-fighters should wear appropriate protective equipment and self-contained, breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES
--------------------------------

Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders

Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).



7. HANDLING AND STORAGE

Advice on safe handling

Avoid contact with eyes. Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store between the following temperatures: 0 and 50°C

Incompatible products

None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<u>Chemical Name</u>	<u>CAS-No</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Mexico PEL</u>
<u>Ethanol</u>	<u>64-17-5</u>	<u>STEL: 1000 ppm</u>	<u>TWA: 1000 ppm</u> <u>TWA: 1900 mg/m</u> <u>(vacated) TWA: 1000 ppm</u> <u>(vacated) TWA: 1900 mg/m<sup>3</sup></u>	<u>Mexico: TWA 1000 ppm</u> <u>Mexico: TWA 1900 mg/m<sup>3</sup></u>
	<u>Alberta</u>	<u>Quebec</u>	<u>Ontario TWAEV</u>	<u>British Columbia</u>
	<u>TWA: 1000 ppm</u> <u>TWA: 1880 mg/m<sup>3</sup></u>	<u>TWA: 1000 ppm</u> <u>TWA: 1880 mg/m<sup>3</sup></u>	<u>STEL: 1000 ppm</u>	<u>STEL: 1000 ppm</u>

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures Distribution, Workplace and Household Settings: Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):



Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

### **Personal Protective Equipment**

Eye Protection Distribution, Workplace and Household Settings:

No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

Use appropriate eye protection

Hand Protection Distribution, Workplace and Household Settings:

No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

Protective gloves

Skin and Body Protection Distribution, Workplace and Household Settings:

No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

Wear suitable protective clothing

Respiratory Protection Distribution, Workplace and Household Settings:

No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):

In case of insufficient ventilation wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES
-------------------------------------

Physical State @20°C liquid

Appearance blue

Odor Scented

Odor threshold No information available

**Property**

**Values**

pH value

9 - 11



Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	>93 °C (Closed cup)	Note: Product is an aqueous solution containing <=24% alcohol and> 50% water
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	1.0	
Water solubility	100%	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available .	
Viscosity of Product	No information available	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

## 10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.
Conditions to Avoid	None under normal processing.
Materials to avoid	None in particular.
Hazardous Decomposition Products	None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

Information on likely routes of exposure



Inhalation No known effect.  
Skin contact No known effect.  
Ingestion No known effect.  
Eye contact Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity No known effect.  
Skin corrosion/irritation No known effect.  
Serious eye damage/eye irritation Irritating to eyes.  
Skin sensitization No known effect.  
Respiratory sensitization No known effect.  
Germ cell mutagenicity No known effect.  
Neurological Effects No known effect.  
Reproductive toxicity No known effect.  
Developmental toxicity No known effect.  
Teratogenicity No known effect.  
STOT - single exposure No known effect.  
STOT - repeated exposure No known effect.  
Target Organ Effects No known effect.  
Aspiration hazard No known effect.  
Carcinogenicity No known effect.

Component Information

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Amine oxides, C10-16-alkyldimethyl	70592-80-2	1330.00 mg/kg (rat)	-	-
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts	68585-34-2	>2001 mg/kg	-	-



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

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

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment

#### Waste from Residues / Unused Products

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

#### Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes (non-household setting) 331

## 14. TRANSPORT INFORMATION

DOT	Not regulated
IMDG	Not regulated
IATA	Not regulated

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

SARA 313



Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Sodium hydroxide	1310-73-2	1000 lb	-	

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)  
 This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	CAS-No	CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
Phenoxyethanol	122-99-6	X

#### Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1310-73-2	1000 lb	-	-	x

#### California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

#### U.S. State Regulations (RTK)

Chemical Name	CAS-No	New Jersey
Ethanol	64-17-5	X

Chemical Name	CAS-No	Massachusetts
Ethanol	64-17-5	X



Chemical Name	CAS-No	Pennsylvania
Ethanol	64-17-5	X
Sodium hydroxide	1310-73-2	X
Phenoxyethanol	122-99-6	X

## International Inventories

### United States

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

### Canada

This product is in compliance with CEPA for import.

### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CEPA - Canadian Environmental Protection Act

## 16. OTHER INFORMATION

### HMIS Ratings

Health hazard	1
Flammability	0
Physical hazard	0

### NFPA Ratings

Health hazard	1
Flammability	0
Instability	0
Issuing Date:	2011-05-11
Revision Date:	2017-05-18

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text

**End of SDS**