

Safety Data Sheet 25-I

SECTION 1: Identification

1.1 GHS Product identifier

Product name	25-I
Product number	25-I
Brand	Blue Wave Ultrasonics

1.2 Other means of identification

Activated Sonic Liquid Cleaner Concentrate

1.4 Supplier's details

Name	Blue Wave Ultrasonics
Address	209 West 76th Street Davenport Iowa 52806 USA
Telephone	(563)-322-0144
Fax	(563)-322-7180
email	Sales@bluewaveinc.com

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 2B
- Sensitization, skin, Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictograms



Signal word

Warning

Safety Data Sheet

25-I

Hazard statement(s)

May cause an allergic skin reaction

Causes eye irritation

Precautionary statement(s)

Prevention Avoid breathing mist or vapors. Wash thoroughly after handling. Wear protective gloves.

Response IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical advice/attention.

Disposal Dispose of contents and container in accordance with local regulations.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Component	CAS no.	Concentration
Alkyl-Aryl Sulfonate	Proprietary	< 8% (weight)
Proprietary chemical identity and percentage composition have been withheld as trade secrets.		

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
If inhaled	Remove to fresh air and promote deep breathing. Get medical attention if effects persist. Acute and delayed symptoms and effects: May cause respiratory irritation.
In case of skin contact	Take off immediately all contaminated clothing. Wash with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persists. Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Symptoms may include abdominal pain, nausea, vomiting and diarrhea. Call a poison center or doctor if you feel unwell.

Safety Data Sheet

25-I

4.2 Most important symptoms/effects, acute and delayed

Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

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

Treatment should be symptomatic and supportive.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No specific hazards are likely.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well ventilated place. Keep container tightly closed. Store between the following temperatures: 40 and 120 Fahrenheit and out of direct sunlight and away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Ensure that eyewash stations and/or safety showers are close to the workstation location.
Safety glasses. Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

Skin protection

Wear protective gloves, such as nitrile gloves.

Body protection

Wear suitable protective clothing.

Respiratory protection

Provide good ventilation. Respiratory protection is not required under normal use conditions.

Thermal hazards

No data available.

Environmental exposure controls

Do not let concentrated product enter drains.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Amber liquid
Color	Amber
Odor	Pine
Odor threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	212 F (100 C)
Flammability	Will not burn
Lower and upper explosion limit/flammability limit	No data available.
Flash point	Will not burn
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	6.5 - 7.0
Kinematic viscosity	290 cPs
Solubility	Miscible
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density	1.11
Relative vapor density	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

None under normal conditions

10.4 Conditions to avoid

Keep out of reach of children.

10.5 Incompatible materials

Very strong acids and oxidizers.

10.6 Hazardous decomposition products

May react with metals to produce hydrogen gas.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/irritation

May cause eye irritation.

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Carcinogenicity

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity (STOT) - single exposure

No data available

Specific target organ toxicity (STOT) - repeated exposure

No data available

Aspiration hazard

May be harmful if swallowed and enters airways

SECTION 12: Ecological information

Toxicity

No data available on product.

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available on product.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Endocrine disrupting properties

No data available on product.

Other adverse effects

All components of this product are considered biodegradable or readily biodegradable.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Packaging disposal

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Safety Data Sheet

25-I

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA hazards.

New Jersey Right To Know Components

No components are subject to the New Jersey Right to Know Act.

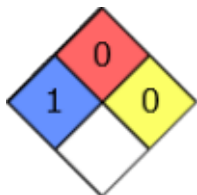
California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

HMIS Rating

25-I	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Blue Wave Ultrasonics be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Blue Wave Ultrasonics has been advised of the possibility of such damages.