

# SAFETY DATA SHEET

Revision #2

Product name: **SUPERSONIC**  
Last revised date: 23 May 2018

## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** SuperSonic  
**MANUFACTURER:** Germiphene Corporation  
**ADDRESS:** 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada  
**PHONE:** 519-759-7100  
**FAX:** 519-759-1625  
**EMERGENCY PHONE:** CANUTEC 613-996-6666  
**PRODUCT USE:** Ultrasonic cleaner.

## 2. HAZARD IDENTIFICATION



**SYMBOLS:**

**SIGNAL WORD:** Danger

### GHS Classification:

|                      | Health     | Environmental | Physical |
|----------------------|------------|---------------|----------|
| Eye Irritant:        | Category 1 |               |          |
| Skin Irritant:       | Category 1 |               |          |
| Acute Oral Toxicity: | Category 5 |               |          |

| <u>Hazard Statements</u>  | <u>Precautionary Statements</u>  |
|---|--|
| H318: Causes serious eye damage<br>H314: Causes severe skin burns and eye damage<br>H303: May be harmful if swallowed | P280: Wear protective gloves/protective clothing/eye protection/face protection.<br>P260: Do not breathe dusts or mists.<br>P264: Wash hands thoroughly after handling.<br>P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P312: Call a Poison Center or doctor if you feel unwell.<br>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br>P363: Wash contaminated clothing before reuse.<br>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P310: Immediately call a Poison Center or doctor.<br>P405: Store locked up<br>P501: Dispose of contents/container in accordance with local, regional, national, international regulations. |

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient  | CAS No.    | % wt  | Hazards  |
|---|------------|-------|--|
| Sodium Nitrite  | 7632-00-0  | 1-3%  | -Oxidizing solids (C3)<br>-Acute Oral Toxicity (C3)<br>-Serious eye damage/eye irritation (C2)<br>-Specific target organ toxicity (C2)<br>Target organs - Kidney, Liver, Blood, Cardiovascular system  |
| Tetrasodium EDTA  | 13235-36-4 | 5-30% | -Acute Oral Toxicity (C4)<br>-Serious eye damage (C1)  |
| Ethoxylated C12-15 Alcohols                             | 68131-39-5 | 1 - 6 | -Skin corrosion/irritation (C2)<br>-Serious eye damage/eye irritation (C1)<br>-Hazardous to aquatic environment:<br>Acute Hazard (C2)<br>Long-term Hazard (C3)   |
| Alkyl (C12- C14) dimethyl ethylbenzyl ammonium chloride | 68956-79-6 | 1 - 5 | -Flammable liquid (C3)<br>-Acute Oral Toxicity (C4)<br>-Acute Inhalation Toxicity (C2)<br>-Skin corrosion/irritation (C1)<br>-Serious eye damage/eye irritation (C1)<br>-Specific target organ toxicity - single exposure (C2)<br>-Hazardous to the aquatic environment:<br>Acute Hazard (C1)<br>Long-term Hazard (C1) |
| Alkyl dimethyl benzyl ammonium chloride (C12-18)        | 68391-01-5 | 1 - 5 | -Flammable liquid (C3)<br>-Acute Oral Toxicity (C4)<br>-Acute Inhalation Toxicity (C2)<br>-Skin corrosion/irritation (C1)<br>-Serious eye damage/eye irritation (C1)<br>-Specific target organ toxicity - single exposure (C2)<br>-Hazardous to the aquatic environment:<br>Acute Hazard (C1)<br>Long-term Hazard (C1) |

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with running water for at least 15 minutes holding the eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek medical attention immediately. If physician is not available, flush for an additional 15 minutes and then transport victim to medical care.

**SKIN:** Wash with large amount of running water and soap (if available) for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Wash clothing and decontaminate shoes before reuse.

**INGESTION:** Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention immediately. Do not induce vomiting.

**INHALATION:** Remove victim to fresh air. Artificial respiration should be given if necessary. Seek medical attention immediately.

**NOTES TO PHYSICIAN:** Contains sodium nitrite which converts hemoglobin to methemoglobin.

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## 5. FIREFIGHTING MEASURES

**FLAMMABILITY:** No  
**COMBUSTIBLE:** Yes  
**MEANS OF EXTINCTION:** Extinguishing media appropriate to surrounding conditions.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Emits toxic fumes under fire conditions.  
**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon.  
**DISCHARGE:** No

## 6. ACCIDENTAL RELEASE MEASURES

Flush small spills with water.

## 7. HANDLING AND STORAGE

Store at room temperature.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** Necessary if mixture is to be sprayed or misted.  
**RESPIRATORY PROTECTION:** Necessary if mixture is to be sprayed or misted. Use NIOSH approved device that will prevent vapours from entering the respiratory tract.  
**EYE PROTECTION:** Yes. Protection in compliance with standards in protection from alkaline mixtures.  
**SKIN PROTECTION:** Yes. Vinyl or latex chemical resistant gloves.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Yes, protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Slightly viscous, bluish-purple  
**ODOUR:** No discernable odour  
**PHYSICAL STATE:** Liquid  
**pH:** 9.5 - 11.5  
**BOILING POINT:** N/Av  
**FREEZING POINT:** N/Av  
**EVAPORATION RATE:** N/Av  
**SPECIFIC GRAVITY @ 25 ± 1°C:** 1.18 - 1.21  
**VISCOSITY:** N/Av  
**VAPOUR PRESSURE (mmHg):** N/Av  
**MISCIBILITY IN WATER:** Complete

## 10. STABILITY AND REACTIVITY

**STABILITY:** Yes  
**CONDITIONS TO AVOID (STABILITY):** N/Av  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/Av

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## 11. TOXICOLOGICAL INFORMATION

**SODIUM NITRITE** Oral rat LD50 157.9 mg/kg

**TETRASODIUM EDTA** Oral rat LD50 > 1,780 - < 2,000 mg/kg

**ETHOXYLATED C12-15 ALCOHOLS** Oral rat 1800 mg/kg

Alkyl (C12- C14) dimethyl ethylbenzyl ammonium chloride No data available

Alkyl dimethyl benzyl ammonium chloride (C12-18) No data available

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Waste material should be disposed of in compliance with all federal, provincial and local government regulations.

## 14. TRANSPORT INFORMATION

Not regulated for transport.

## 15. REGULATORY INFORMATION

**WHMIS CATEGORY:** Class D-1B

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

### Disclaimer

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