

SAFETY DATA SHEET

Revision #1

Product name: **SUPERSONIC**
Last revised date: 26 Jan 2016
Expiry: 26 Jan 2019

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: SuperSonic

MANUFACTURER: Germiphene Corporation
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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		

Hazard Statements	Precautionary Statements
H318: Causes serious eye damage H314: Causes severe skin burns and eye damage H303: May be harmful if swallowed	P280: Wear protective gloves/protective clothing/eye protection/face protection. P260: Do not breathe dusts or mists. P264: Wash hands thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P312: Call a Poison Center or doctor if you feel unwell. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310: Immediately call a Poison Center or doctor. P405: Store locked up 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) -Acute Oral Toxicity (C3) -Serious eye damage/eye irritation (C2) -Specific target organ toxicity (C2) Target organs - Kidney, Liver, Blood, Cardiovascular system
Tetrasodium EDTA	13235-36-4	5-30%	-Acute Oral Toxicity (C4) -Serious eye damage (C1)
Ethoxylated C12-15 Alcohols	68131-39-5	1 - 6	-Skin corrosion/irritation (C2) -Serious eye damage/eye irritation (C1) -Hazardous to aquatic environment: Acute Hazard (C2) Long-term Hazard (C3)
Alkyl (C12- C14) dimethyl ethylbenzyl ammonium chloride	68956-79-6	1 - 5	-Flammable liquid (C3) -Acute Oral Toxicity (C4) -Acute Inhalation Toxicity (C2) -Skin corrosion/irritation (C1) -Serious eye damage/eye irritation (C1) -Specific target organ toxicity - single exposure (C2) -Hazardous to the aquatic environment: Acute Hazard (C1) Long-term Hazard (C1)
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	1 - 5	-Flammable liquid (C3) -Acute Oral Toxicity (C4) -Acute Inhalation Toxicity (C2) -Skin corrosion/irritation (C1) -Serious eye damage/eye irritation (C1) -Specific target organ toxicity - single exposure (C2) -Hazardous to the aquatic environment: Acute Hazard (C1) 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 HEMAGLOBIN TO METHHEMAGLOBIN.

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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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