

MATERIAL SAFETY DATA SHEET

Product name: **SUPERSONIC**
Last revised date: 23-Dec-10
Print date: 21-Jul-11

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: SuperSonic
DIN: N/Ap

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. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Sodium Nitrite
CAS No 7632-00-0 **% wt** 1 - 5
HAZARDOUS: yes

INGREDIENT: Tetrasodium EDTA
CAS No 013235-36-4 **% wt** 5 - 30
HAZARDOUS: yes

INGREDIENT: Ethoxylated C12-15 Alcohols
CAS No 68131-39-5 **% wt** 1 - 5
HAZARDOUS: yes

3. HAZARD IDENTIFICATION

EYES: Product is alkaline. Will cause irritation. Extreme exposure can result in severe burns with possibility of blindness.

SKIN: Product is alkaline. Will cause irritation.

INGESTION: Swallowing may cause irritation or burns of mouth, throat, and stomach.

INHALATION: Breathing misted vapours can cause mild irritation to serious damage of the upper respiratory tract.

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4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 20 minutes, holding the eyelids open. Seek medical attention immediately.

SKIN: Flush contaminated area with water for at least 5 minutes. If irritation occurs, seek medical attention.

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.

INHALATION: Remove victim to fresh air. Artificial respiration should be given if breathing has stopped and cardiopulmonary resuscitation if the heart has stopped. Oxygen may be given if necessary. Seek medical attention immediately.

NOTES TO PHYSICIAN: CONTAINS SODIUM NITRITE WHICH CONVERTS HEMAGLOBIN TO METHHEMAGLOBIN.

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Slightly viscous, bluish-purple
ODOUR: No discernable odour
PHYSICAL STATE: Liquid
pH: 11.0 - 11.6
BOILING POINT: N/Av
FREEZING POINT: N/Av
EVAPORATION RATE: N/Av
SPECIFIC GRAVITY @ 22 ± 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

11. TOXICOLOGICAL INFORMATION

SODIUM NITRITE Oral rat LD50 180 mg/kg
Oral rabbit LD50 178 mg/kg
Intravenous rat 65 mg/kg
TETRASODIUM EDTA Oral rat LD50 630 - 1260 mg/kg
ETHOXYLATED C12-15 ALCOHOLS Oral rat 2000 mg/kg

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

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16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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