

SAFETY DATA SHEET

Revision #0

Product name: **GLEAM II - ULTRASONIC CLEANING SOLUTION**
Last revised date: 16 April 2015
Expiry: 16 April 2018

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Gleam II - Ultrasonic Cleaning Solution

MANUFACTURER: Germiphene Corporation

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PHONE: 519-759-7100

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PRODUCT USE: Detergent for ultrasonic instrument washers.

2. HAZARD IDENTIFICATION

SYMBOLS: None

SIGNAL WORD: Warning

GHS Classification:

	Health	Environmental	Physical
Eye Irritant:	Category 2B		
Skin Irritant:	Category 3		

Hazard Statements	Precautionary Statements
H320: Causes eye irritation H316: Causes mild skin irritation on prolonged exposure.	P332+P313: If skin irritation occurs, get medical attention. P280: Wear protective gloves/protective clothing/eye protection/face protection. P264: Wash 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. P337+P313: If eye irritation persists, get medical attention.

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ROUTES OF EXPOSURE: Eye, Skin contact, Inhalation, Ingestion

SKIN: Prolonged skin contact may result in irritation and dryness due to removal of skin oils.

INGESTION: Alkaline can cause burning and irritation of digestive tract.

INHALATION: No effect if inhaled in small amounts.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Nonylphenol, branched, ethoxylated

CAS No 68412-54-4 % wt 1-5

HAZARDOUS: yes

INGREDIENT: Disodium salt of ethylenediaminetetraacetic acid dihydrate

CAS No 6381-92-6 % wt 1-2

HAZARDOUS: yes

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INGREDIENT: Sodium xylene sulphonate
CAS No 1300-72-7 **% wt** 1-5
HAZARDOUS: yes

INGREDIENT: Sodium Carbonate
CAS No 497-19-8 **% wt** <1
HAZARDOUS: yes

INGREDIENT: Sodium metasilicate
CAS No 6834-92-0 **% wt** <1
HAZARDOUS: yes

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

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: Treat for alkalinity - give large amounts of water for neutralization. Contact physician immediately.

INHALATION: N/Ap

5. FIREFIGHTING MEASURES

FLAMMABILITY: No
COMBUSTIBLE: N/Av
HAZARDOUS COMBUSTION PRODUCTS: N/Av
SENSITIVITY TO IMPACT: Stable
SENSITIVITY TO STATIC DISCHARGE: Stable

6. ACCIDENTAL RELEASE MEASURES

Small spills can be wiped with absorbent paper. Large spills should be absorbed with sand, earth or similar material or mopped up and wash with water.

7. HANDLING AND STORAGE

Store in a cool dry place.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: None required.
RESPIRATORY PROTECTION: No
EYE PROTECTION: Yes. Chemical safety goggles.
SKIN PROTECTION: Yes. Rubber gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Opaque purple slightly viscous
ODOUR: Slight
PHYSICAL STATE: Liquid
pH: 10.5 - 11.0
BOILING POINT: Above 100°C
FREEZING POINT: Below 4°C
EVAPORATION RATE: N/Av
VISCOSITY @ 22 ± 1°C: 125 - 175 cps
VAPOUR PRESSURE (mmHg): N/Av
SPECIFIC GRAVITY @ 22 ± 1°C: 1.03 - 1.06
SOLUBILITY: N/Av

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): None known.
INCOMPATABILITY (MATERIALS TO AVOID): None.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
REACTIVITY CONDITIONS: None known.

11. TOXICOLOGICAL INFORMATION

Nonylphenol, branched, ethoxylated	Oral rat LD50 4,000 mg/kg
Disodium salt of ethylenediaminetetraacetic acid dehydrate	Oral rat LD50 2,000 mg/kg
Sodium xlenesulphonate	Oral rat LD50 4,000 mg/kg
Sodium Carbonate	Oral rat LD50 4,090 mg/kg
Sodium metasilicate	Oral rat LD50 1,280 mg/kg
Sodium Nitrite	Oral rat LD50 85 mg/kg

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Spilled detergent may be flushed into drain with water or absorption material may be disposed into sanitary land fill. Dispose in accordance with Federal, Provincial and Municipal regulations.

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14. TRANSPORT INFORMATION

Not regulated by TDG.

15. REGULATORY INFORMATION

N/Av

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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