

# 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  
**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:** 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

# SAFETY DATA SHEET

Revision #0

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

---

**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.

# SAFETY DATA SHEET

Revision #0

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

## 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.  
INCOMPATIBILITY (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 xylenesulphonate	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.

# **SAFETY DATA SHEET**

Revision #0

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

---

## **14. TRANSPORT INFORMATION**

Not regulated by TDG.

## **15. REGULATORY INFORMATION**

N/Av

## **16. OTHER INFORMATION**

**Prepared by:** Germiphene Technical Department

### *Disclaimer*

No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product or information contained in this Material Safety Data Sheet. All information contained herein is presented in good faith and is believed to be appropriate and accurate. However, neither the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The buyer or user assumes all risks associated with the use, misuse or disposal of this product. The buyer or user is responsible to comply with all federal, state, provincial, or local regulations concerning the use, misuse, or disposal of these products.