

SAFETY DATA SHEET

Revision #0

Product name: **GAMUT PLUS**
Last revised date: 21 May 2015
Expiry: 21 May 2018

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Gamut Plus

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: Hard surface disinfectant, instrument cleaner, ultrasonic or pre-soak solution

3. HAZARD IDENTIFICATION



SYMBOLS:

SIGNAL WORD: Warning

GHS Classification:

Health	Environmental	Physical
Eye Irritant: Category 2A Skin Irritant: Category 2		

Hazard Statements	Precautionary Statements
H319 Causes serious eye irritation H315 Causes skin irritation	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. P330: Rinse mouth if swallowed and get medical advice/attention

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

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

INGESTION: H302 Harmful if swallowed
Irritation and burning of mouth, throat and GI tract.

INHALATION: Irritation of mucous membranes.

CHRONIC EXPOSURE: May cause drying and irritation of skin

SENSITIZATION Irritant

SAFETY DATA SHEET

Revision #0

Product name: **GAMUT PLUS**
Last revised date: 21 May 2015
Expiry: 21 May 2018

2. COMPOSITION / INFORMATION ON INGREDIENTS (not intended as specifications)

INGREDIENT: Isopropyl alcohol

CAS NO 67-63-0 % **WT** 20 - 30

HAZARDOUS: Yes

INGREDIENT: Glycol ether

CAS NO 107-98-2 % **WT** 8 - 15

HAZARDOUS: Yes

INGREDIENT: Triethanolamine

CAS NO 102-71-6 % **WT** 1.0 - 3.5

HAZARDOUS: Yes

INGREDIENT: Tetrasodium Ethylenediaminetetraacetate Tetrahydrate

CAS NO 13235-36-4 % **WT** 1.0 - 2.0

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: 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.

5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Not combustible.

HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, nitrous oxides, carbon monoxide and carbon dioxide (mostly).

6. ACCIDENTAL RELEASE MEASURES

Contain spilled material. Provide adequate ventilation. Spill should be collected in suitable containers or absorbed on a suitable absorbent material for subsequent disposal.

7. HANDLING AND STORAGE

HANDLING AND STORAGE: Keep away from heat, in a cool well-ventilated area. Keep container closed when not in use. Avoid breathing vapours. Avoid contact with eyes.

OTHER PRECAUTIONS: Good personal hygiene practices are suggested

SAFETY DATA SHEET

Revision #0

Product name: **GAMUT PLUS**
Last revised date: 21 May 2015
Expiry: 21 May 2018

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use adequate ventilation.
RESPIRATORY PROTECTION: Avoid breathing vapours.
EYE PROTECTION: Avoid contact with eyes.
SKIN PROTECTION: Avoid contact with skin. Gloves might be used.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colourless to yellow liquid
ODOUR: Characteristic odour
PHYSICAL STATE: Liquid
pH: 9.0 - 11.0
BOILING POINT: N/Av
MELTING POINT: N/Av
FREEZING POINT: N/Av
SPECIFIC GRAVITY @ 22 ± 1°C: 0.90 - 1.10
EVAPORATION RATE: N/Av
SOLUBILITY IN WATER: Soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): N/Av
INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizing materials.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: High temperatures can produce carbon monoxide and carbon dioxide, ammonia and nitrous oxides (very small amounts).

11. TOXICOLOGICAL INFORMATION

ISOPROPYL ALCOHOL Oral rat LD50 5045 mg/kg
Dermal rabbit LD50 12.8 gm/kg
Inhalation rat LC50 16,000 ppm/8-hour
Investigated as a tumorigen, mutagen, reproductive effector.

GLYCOL ETHER Skin absorption rabbits LD50 13,000 mg/kg (12 ml/kg)
Oral rat LD50 7200 mg/kg (6.6 ml/kg)

TRIETHANOLAMINE Oral rat LD50 4920 mg/kg
Oral rabbit LD50 5160 mg/kg
Oral mouse LD50 7400 mg/kg
Oral guinea pig LD50 5300 mg/kg
Dermal rabbit LD50 > 20 mL/kg

Irritation data: Skin rabbit 560 mg/24h mild
Eye rabbit 20 mg severe

TETRASODIUM ETHYLENEDIAMINETETRAACETATE TETRAHYDRATE Oral rat LD50 1780-2000 mg/kg

SAFETY DATA SHEET

Revision #0

Product name: **GAMUT PLUS**
Last revised date: 21 May 2015
Expiry: 21 May 2018

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: According to state, federal, provincial, and local regulations.

14. TRANSPORT INFORMATION

TRANSPORT HAZARD CLASS: N/Av

15. REGULATORY INFORMATION

GHS Classification:

Health	Environmental	Physical
Oral Toxicity:		
Unclassified		

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.