

MATERIAL SAFETY DATA SHEET

Product name: **GOBBLE ASF**
Last revised date: 21-Jul-11
Print date: 21-Jul-11

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Gobble ASF
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: Evacuation system cleaner

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

INGREDIENT: Alcohol ethoxylate/propoxylate

CAS No N/Av % wt 1 - 3

HAZARDOUS: yes

INGREDIENT: Isopropyl alcohol

CAS No 67-63-0 % wt 5 - 10

HAZARDOUS: yes

INGREDIENT: Bacillus suspension

CAS No N/Av % wt 2.0

HAZARDOUS: yes

3. HAZARD IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Skin contact, inhalation, eye contact.

EFFECTS OF OVEREXPOSURE: Based on information available for similar products, it is anticipated that direct contact will produce severe eye and skin irritation. Solvent vapors or mists of product can produce irritation of the mucous membranes. Ingestion can produce immediate burning pain in the mouth, throat and abdomen.

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 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.

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INGESTION: If swallowed, immediately give 3-4 glasses of water. DO NOT INDUCE VOMITING. If vomiting occurs, give fluids again. Get immediate medical attention. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do not give anything by mouth to a convulsing or unconscious person.

INHALATION: Remove person to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get immediate medical attention.

5. FIREFIGHTING MEASURES

Flammable liquid with the flash point of 33 °C

HAZARDOUS DECOMPOSITION PRODUCTS: Small amounts carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred).

Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING AND STORAGE: Store at room temperatures. Keep containers closed until used. Do not contaminate drinking water, food or feed by storage or disposal.

OTHER PRECAUTIONS: Good personal hygiene practices are suggested.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

RESPIRATORY PROTECTION: In processes where mists or vapors may be generated, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

PROTECTIVE GLOVES: Rubber or neoprene, to prevent skin contact.

EYE PROTECTION: Wear chemical splash goggles if there is a potential for eye contact. Use safety glasses with side shields if there is no potential for eye contact.

OTHER PROTECTIVE EQUIPMENT: Eye wash; safety shower; protective clothing (long sleeves, coveralls or other, as appropriate), to prevent skin contact.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Opaque, pale blue liquid; may contain white to beige particulate matter
ODOUR: Characteristic lemon
PHYSICAL STATE: Liquid
PH: 7.0 - 9.0
BOILING POINT: 100°C
FREEZING POINT: 0°C
SPECIFIC GRAVITY @ 22 ± 1°C: 0.95 - 1.05
SOLUBILITY IN WATER: Soluble
VISCOSITY @ 22 ± 1°C: 100 cPs
FLASH POINT: 33 °C

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Avoid heating the product over 30°C.
INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing or reducing agents, disinfectants.
HAZARDOUS DECOMPOSITION PRODUCTS OR BY-PRODUCTS: Carbon oxide (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.
ALCOHOL ETHOXYLATE/PROPOXYLATE Oral LD50 > 2000 mg/kg
BACILLUS SUSPENSION Oral rat LD50 > 5000 mg/kg
Inhalation rat LC50 2400 mg/L

12. ECOLOGICAL INFORMATION

ALCOHOL ETHOXYLATE/PROPOXYLATE:
Acute fish toxicity LC50 > 10 mg/L
Acute invertebrate toxicity EC50 > 20 mg/L
Acute bacterial toxicity EC50 >100 mg/L
Aquatic plant/algae toxicity EC50>10 mg/L

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Biodegradability readily and rapidly biodegradable (OECD 301)

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Safe to dispose through the sewage system.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION

TRANSPORT HAZARD CLASS: Class IC flammable liquids

15. REGULATORY INFORMATION

N/Av

16. OTHER INFORMATION

PREPARED BY: Germiphene Technical Department

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