

MATERIAL SAFETY DATA SHEET

Product name: **Parvosyl Detergent Disinfectant Pump Spray**
Last revised date: 5 December 2013
Print date: 15 July 2014

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Detergent Disinfectant Pump Spray
DIN: 02358530

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: Disinfects and cleans all washable hard surfaces.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Diethylene glycol monobutyl ether
CAS No 112-34-5 **% wt** 8
HAZARDOUS: yes

INGREDIENT: Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride (Alt CAS 68956-79-6)
CAS No 85409-23-0 **% wt** 0.105
HAZARDOUS: yes

INGREDIENT: Alkyl dimethyl benzyl ammonium chloride (C12-18)
CAS No 68391-01-5 **% wt** 0.105
HAZARDOUS:

3. HAZARD IDENTIFICATION

EYES: Contact with eyes may cause irritation.
SKIN: Contact with skin may cause irritation.
INGESTION: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
INHALATION: May cause irritation of respiratory tract.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.
SKIN: For skin contact flush with large amounts of water. Immediately take off all contaminated clothing. If irritation persists get medical attention. Wash clothing separately before reuse.
INGESTION: If ingestion of a large amount does occur, seek medical attention. Do NOT induce vomiting.
INHALATION: If symptoms are experienced, remove source of contaminating or move victim to fresh air. If the affected person is not breathing, apply

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artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

5. FIREFIGHTING MEASURES

FLAMMABILITY: 1
COMBUSTIBLE: Not Available
CONDITIONS OF IGNITION: Not Available
HAZARDOUS COMBUSTION PRODUCTS: Not Available
MEANS OF EXTINGUISHING: Water fog, Foam, Dry Chemical Powder, Carbon Dioxide (CO2).

PROTECTION OF FIREFIGHTERS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Isolate area. Keep unnecessary personnel away. Stay upwind.

Keep out of low areas. Ventilate closed spaces before Entering.

ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so.

METHODS FOR CONTAINMENT: Prevent entry into waterways, sewers, basements or Confined areas.

METHOD FOR CLEANING UP: Wear appropriate protective equipment and clothing during Cleanup.

Small Spills: Use a non-combustible material like Vermiculite, sand or earth to soak up the product and place

into a container for later disposal.

Large Spills: Dike far ahead of liquid spill for later disposal. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without

previously

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notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional of the EPA.

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7. HANDLING AND STORAGE

Avoid contact with skin and eyes. Wash hands thoroughly after handling. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Store in cool place. Keep in a well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
RESPIRATORY PROTECTION: If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.
EYE PROTECTION: Wear Chemical goggles, Face-shield.
SKIN PROTECTION: Wear suitable protective clothing. Use impervious gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash fountain and emergency showers are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
pH: 11.7
BOILING POINT: > 212 °F (> 100 °C)
FREEZING POINT: > 32 °F (> 0 °C)
Flash Point: >201 °F (93.9 °C)
DENSITY: 1.0041
SOLUBILITY: Complete

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable at normal conditions.
INCOMPATIBLE MATERIALS: Strong acids, alkalies and oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.
POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

11. TOXICOLOGICAL INFORMATION

Diethylene glycol monobutyl ether (112-34-5)

Acute Dermal LD50 Rabbit: 2700 mg/kg
Acute Oral LD50 Guinea pig: 2000 mg/kg
Acute Oral LD50 Mouse: 2400 mg/kg
Acute Oral LD50 Rabbit: 2200 mg/kg

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Acute Oral LD50 Rat: 4500 mg/kg
Acute Other LD50 Mouse: 850 mg/kg
Acute Other LD50 Rate: 500 mg/kg

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL DATA

COMPONENTS

Diethylene glycolmonobutyl ether (112-34-5)

TEST RESULTS

LC50 Bluegill (Lepomis
Macrochirus): 1300 mg/l 96 hrs

AQUATIC TOXICITY: Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: All wastes must be handled in accordance with local, provincial and federal regulations. Dispose of contents/ container in accordance with local/regional/national/ international regulations. Regulations vary.

14. TRANSPORT INFORMATION

UN HAZARD CODE: Refer to bill of lading of container label for DOT or other transportation hazard classification, if any.

15. REGULATORY INFORMATION

US Federal regulations: This product is considered a pesticide and is therefore excluded from the United States TSCA Regulations.

Reportable Quality: There is no calculable reportable quantity (RQ) for this product.

CERCLA (Superfund) reportable quantity: None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: No

Inventory Status

Country(s) or region	Inventory Name	On Inventory (yes/no) *
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances In China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical	

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Japan	Substances (ELINCS) Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals And Chemical Substances (PICCS)	NO
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory administered by
The governing country(s).

16. OTHER INFORMATION

Further Information: HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 1
Flammability: 1
Physical hazard: 0
Personal protection: X

NFPA ratings
Health: 1
Flammability: 1
Instability: 0

Prepared by: Germiphene Technical Department

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