

**MATERIAL SAFETY DATA SHEET****SECTION 1 — PRODUCT IDENTIFICATION**

Product Name: 0386 – Enzyme Digester Cleaner Deodorant
WHMIS Classification: D2B: Material causing other toxic effects
Product use: Grease & Waste Drain Digester
Product Code Number: CL010 (69700, 69701, 69702, 69703)
MSDS Number: 0386

Supplier name and address:
 ProLink Canada Sanitary Supplies Inc.
 1411A Carling Ave., Ste. 406
 Ottawa, ON K1Z 1A7
 Tel: (613) 722-0798

Manufacturer's name and address:
 Refer to supplier

Emergency Telephone #: CANUTEC (613) 996-6666

SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

| <u>Ingredients</u> | <u>CAS #</u> | <u>% (weight)</u> | <u>LD₅₀</u> <u>mg/kg</u> <u>oral/rat</u> | <u>LD₅₀</u> <u>mg/kg</u> <u>skin/rabbit</u> | <u>LC₅₀</u> <u>ppm</u> <u>inh/rat</u> |
|--------------------|--------------|-------------------|---|--|--|
| NONE | | | | | |

SECTION 3 — HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Routes of entry: Inhalation, ingestion, skin and eye contact.

Signs and symptoms of short-term (acute) exposure:

Inhalation: Inhalation of spray or mist may cause irritation of the respiratory tract.

Skin contact: Prolonged, repeated contact may mild cause irritation. Bacterial infection may occur through open wounds.

Eye contact: Can cause mild eye irritation.

Ingestion: May cause irritation of the gastrointestinal system and vomiting. Nausea, vomiting, or diarrhoea may result from ingestion..

Effects of long-term (chronic) exposure: Skin irritation may occur among hypersensitive individuals following repeated contact.

Other important hazards: n/ap

SECTION 4 — FIRST AID MEASURES

Inhalation: Remove victim to fresh air. If symptoms persist, call a physician.

Skin contact: Remove contaminated clothing. Flush area with plenty of water. If irritation persists, seek medical attention.

Eye contact: Flush eyes with water for at least 15 minutes, holding the eyelids open. If irritation persists, seek medical attention.

Ingestion: DO NOT induce vomiting. If victim is completely conscious/alert, rinse mouth with water and give one glass of water. Seek immediate medical attention.

SECTION 5 — FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability: Product is water based and non-flammable.

Flash point (Method): n/av (>93, PMCC)

Lower flammable limit (% by volume): n/av

Explosion data: *Sensitivity to mechanical impact:* n/ap

Oxidizing properties: not an oxidizer

Suitable extinguishing media: water spray, foam, dry chemical, or carbon dioxide

Special fire-fighting procedures/equipment: Fire-fighters should wear a positive pressure self-contained breathing apparatus, approved by NIOSH/MSHA.

Hazardous combustion products: Oxides of carbon.

Upper flammable limit (% by volume): n/av

Sensitivity to static discharge: n/ap

Auto-ignition temperature: n/ap

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions: Gloves and safety glasses. If the release is such that a mist is created, then wear an appropriate NIOSH mask for mists.

Environmental precautions: General ventilation.

Spill response/Cleanup: Before attempting clean-up, review hazard data in this MSDS. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered and labelled containers.

Prohibited materials: n/ap

SECTION 7 — HANDLING AND STORAGE

Safe handling procedures: Maintain adequate ventilation. Wear recommended personal protection. Wash hands thoroughly after handling.

Storage requirements: Store in a cool, dry place with lid on.

Special packaging materials: n/av

SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: general ventilation

Respiratory protection: If conditions are such that a mist is created wear a NIOSH/MSHA approved mask for mists.

Protective gloves: Protective gloves such as natural rubber, neoprene, latex, or butyl rubber should be worn to prevent skin contact.

Eye protection: safety glasses.

Other protective equipment: Make sure an eyewash station and safety shower is available.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical form, colour and odour: Opaque green liquid. Floral odour

Odour threshold: n/av

Boiling point: 100°C

Vapour pressure: n/av

Coefficient of oil/water distribution: n/av

Specific gravity or relative density (water = 1): 1.000

Volatile organic compounds (VOC's): n/av

pH (as supplied): 6.5-7.5

Melting/freezing point: 0 °C

Solubility in water: soluble

Vapour density: n/av

Evaporation rate: n/av

%Volatile by Weight: approx.98% (w/w)

SECTION 10 — REACTIVITY AND STABILITY DATA

Stability and reactivity: product is stable

Conditions to avoid: contact with strong oxidizers and strong acids.

Materials to avoid: Avoid contact with strong oxidizers and strong acids.

Hazardous decomposition products: Thermal decomposition can produce oxides of carbon and nitrogen, and hydrogen chloride.

SECTION 11 — TOXICOLOGICAL INFORMATION

LD₅₀: See Section 2.

LC₅₀: See Section 2.

Exposure limits: ACGIH-TLV; ACGIH-STEL; ACGIH-CEILING n/av

Carcinogenicity: No ingredient listed by IARC, ACGIH, NTP, or OSHA as carcinogens.

Teratogenicity, mutagenicity, other reproductive effects: n/av

Sensitization to material: Skin irritation may occur among hypersensitive individuals following repeated contact.

Conditions aggravated by exposure: PRODUCT CONTAINS BACTERIA. Nausea, vomiting, or diarrhoea may result from ingestion. Bacterial infection may occur through open wounds.

Synergistic materials: n/av

SECTION 12 — ECOLOGICAL INFORMATION

Environmental effects: n/av

SECTION 13 — WASTE DISPOSAL

Handling for disposal: Reuse if possible. Do not discharge waste material into the environment.

Methods of disposal: Follow local, provincial or state, and federal regulations.

SECTION 14 — TRANSPORTATION INFORMATION

Shipping description: not regulated

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

SECTION 15 — REGULATORY INFORMATION

WHMIS information: D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

SECTION 16 — OTHER INFORMATION

Prepared for: ProLink Canada Sanitary Supplies Inc.

Telephone number: (613) 722-0798

Preparation date: March 31, 2009

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2003.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. CHEMINFO database.
4. Material Safety Data Sheets from raw materials suppliers.

n/ap Not applicable

n/av Not available

MT/js