

SECTION 1 - IDENTIFICATION

Product identifier/Trade name:	SAFEBLEND BIO-ENZYMATIC GREASE DIGESTER AND DEODORIZING CLEANER, FLORAL
Other means of identification:	ECFL
Recommended:	Concentrated enzymatic cleaner, floral scent
Restriction on use:	For industrial, institutional and food plants use only.
Initial supplier identifier:	Chemotec (PM) Inc. 8820 Place Ray-Lawson Anjou, Quebec, Canada H1J 1Z2 Phone: (514) 729-6321; 1-800-729-6321
Emergency phone number:	(613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION

2a WHMIS 2015 - GHS (Globally Harmonized System) classification

This product is not classified as dangerous as per GHS criteria.

2b Label elements

None

Precautionary statement

None as per GHS

Signal word:

None as per GHS

Hazard statement

None as per GHS

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Concentrated Bacterial Cultures	Not available	7-13	ACUTE TOXICITY (oral), category 4
Ethoxylated alcohol	34398-01-1	0-1	Eye irritation, category 2

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures

Eye contact:

Immediately rinse with plenty of water for several minutes, keeping eyelids open. If irritation persists seek medical attention.

Skin contact:

Rinse with water.

Inhalation:

No effect expected.

Ingestion:

Rinse mouth. Call a doctor if you feel unwell. Never give anything by mouth if the person is unconscious

4b Most important symptoms and effects

- Eye:** May cause moderate irritation. Prolonged contact without rinsing may be harmful.
- Skin:** May cause irritation, redness.
- Inhalation:** May cause irritation.
- Ingestion:** May cause slight irritation, diarrhoea and nausea.

4c Immediate medical attention and special treatment needed

No special treatment

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media

Suitable extinguishing media:

Water (if possible avoid powerful jets), foam, dry chemicals, carbon dioxide. Product itself is not flammable.

Unsuitable extinguishing media:

None known.

Specific hazards for product

Hazardous combustion products:

Oxides of carbon, of sulfur and other irritating gases.

Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment and emergency procedures

Personal protection:

Avoid contact with eyes. Use adequate aeration and ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery. If bacterial contamination is an issue, use chlorine to kill the bacillus spores.

6c Environmental precautions:

The bacteria and carriers are naturally occurring and should not pose an environmental risk.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for safe handling:

Before handling, it is important that engineering controls are operating and that protective equipment requirement and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Avoid inhaling mists. Avoid contact with skin, eyes and clothing. Keep away from heat and flame. Keep containers closed when not in use. Do not use with incompatible materials such as strong oxidizing agents

7b Condition for safe storage:

Store in a sealed container in a well-ventilated place. Do not store with food products. Keep from freezing.

7c Special packaging materials: none.

No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
	None established	None established	

8b Engineering controls:

A mechanical ventilation is recommended.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications. Dust mask if mists are generated.

Skin protection and other protective equipment:

Waterproof boots for large spills.

Eye / face protection:

Not required under normal applications.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Never eat, drink, or smoke in work areas.

Practice good personal hygiene after using this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Clear liquid.
Colour	Green
Odour	Floral scent
Melting point and freezing point	Approximately 0 °C
Boiling point:	Approximately 100 °C
Flammability	N/Av
Lower and upper flammability limit	N/Av
Flash point	None to boil
Auto-ignition temperature	N/Av
Decomposition temperature	N/Av
pH	6-8
Viscosity:	<100 cps @ 25 °C
Solubility in water:	Miscible
Partition coefficient – n-octanol/water	Not Available
Vapour pressure (mm Hg)	Approximately 20 (water)
Specific gravity or density (water = 1 at 4 °C):	1.0 g/cm ³ @ 20 °C
Relative vapour density	Approximately 0.6 (water)
Particle characteristics	N/Av

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable when used as directed.

10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

None known.

10d Conditions to avoid:

None known when used as directed

10e Incompatible materials

Avoid strong oxidizing agents. Acids and alkalis may inactivate the bacterial cultures.

10 f Hazardous decomposition products:

Oxides of carbon and other irritant gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye and ingestion.

Eye: May cause irritation, redness, tears, burning sensation.

Skin: May cause irritation

Inhalation: No effect expected.

Ingestion: May cause slight irritation, headache, abdominal pain, diarrhoea, nausea and vomiting.

Carcinogenicity:

No ingredient listed by IARC as a possible carcinogen.

Teratogenicity, mutagenicity, other reproductive effects:

Mutagenic tests have been negative for ingredients

Skin sensitization:

Ingredients not sensitizing as per OECD 406

Respiratory tract sensitization:

Not available

Synergistic materials:

Not available

Other important hazards:

Delayed effect: bacterial infection.

Toxicological data: The calculated LD₅₀ for this product is greater than 10,000 mg/Kg, oral, rat; our products are

not tested on animals.

Ingredient	LD ₅₀ (route, species)	LC ₅₀ # hours (species)
Concentrated Bacterial Cultures	1,074 mg/kg (oral, rat)	N/Av
Ethoxylated alcohol	>2,000 mg/kg (oral, rat)	N/Av

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity :

Not available

12b Persistence and degradability:

Product is expected to be readily biodegradable as per OECD 301. The bacteria and carriers are naturally occurring and should not pose an environmental risk.

12c Bioaccumulation potential:

Not available

12d Mobility in soil:

There is no test data on this product.

12e Other adverse effect

No applicable information found

SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada :

Not regulated

UN number	Not applicable
Proper shipping name:	Not applicable
Class:	Not applicable
Identification number:	Not applicable
Packing group:	Not applicable
Special case:	Not applicable

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

WHMIS Classification: See section 2a

CEPA information: Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Prepared by: Chemotec (PM) Inc.
Phone number: (514) 729-6321
Date: 2023-06-12

References:

1. Manufacturer'/suppliers' MSDS.
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2006.
3. International Agency for Research on Cancer Monographs, searched 2006.
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System

End of the MSDS