

**SECTION 1 - IDENTIFICATION**

**Product identifier/Trade name:** SAFEBLEND FLOOR SEALER

**Other means of identification:** FS23

**Recommended use:** Floor finish sealer

**Restriction on use:** For industrial, institutional and food plants use only.

**Initial supplier identifier:** Chemotec (PM) Inc.  
5800 ONTARIO E.  
MONTRÉAL, QC H1N 0A2  
Phone: (514) 729-6321; 1-800-729-6321

**Emergency phone number:** 1-800-729-6321  
(Available from 8:00am to 4:30pm Monday to Friday)

**SECTION 2 - HAZARDS IDENTIFICATION**

**2a WHMIS 2015 - GHS (Globally Harmonized System) classification**  
This product is classified as a skin irritant category 2 and an eye irritant category 2

**2b Label elements**



**Pictogram**

**Signal word:** Warning.

**Precautionary statement**  
Wash hands thoroughly after handling. Wear safety glasses. Wear rubber gloves in case of possible contact.  
**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.**  
**IF ON SKIN: Wash with plenty of water for several minutes. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice.**

**Hazard statement**  
Causes eye irritation. Causes skin irritation.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Diethyleneglycol monoethyl ether	111-90-0	1-5	Not classified
Acrylate copolymer	25133-97-5	7-10	Eye irritation, category 2 Skin irritation category 2
Tributoxyethyl phosphate	78-51-3	1-5	Not classified
Ethyleneglycol	107-21-1	1-5	Acute oral toxicity, category 4
2-Ethylhexylbenzoate	5444-75-7	1-5	Not classified

The actual concentrations are withheld as a trade secret.

**SECTION 4 - FIRST AID MEASURES****4a Description of first aid measures****Eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

**Skin contact:**

Wash with plenty water. If skin irritation occurs get medical advice.

**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 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.

**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 sprays), 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, nitrogen 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 and skin. Avoid breathing vapours. Use adequate aeration and ventilation. Wear gloves, waterproof boots, safety glasses and in case of a major spill and if necessary, wear a mask for organic vapours. Floor will be slippery in case of a spill.

**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.

**6c Environmental precautions:**

Do not let large quantities go to the sewers.

**SECTION 7 - HANDLING AND STORAGE**

**7a Precautions for Safe handling:**

Avoid contact with eyes and prolonged contact with skin. Avoid breathing vapours. When used as directed, no special precautions.

**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**

	<b>Ontario Time-weighted Average Limit (TWA)</b>	<b>Ontario Short-Term Exposure Limit (STEL)</b>	<b>Notations</b>
Diethyleneglycol monoethyl ether	30 ppm	None established	
Acrylate copolymer	None established	None established	
Tributoxyethyl phosphate	None established	None established	
Ethylene glycol	None established	Ceiling 100 mg/m <sup>3</sup> Aerosol only	
2-Ethylhexylbenzoate	None established	None established	

**8b Engineering controls:**

Good ventilation.

**8c Individual protection measures**

Respiratory Protection:

Not required under normal applications.

Skin protection and other protective equipment:

Waterproof non-slippery boots. Rubber gloves.

Eye / face protection:

Safety glasses

General hygiene considerations:

**KEEP OUT OF REACH OF CHILDREN.** Avoid contact with eyes and skin. Avoid breathing vapours. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Liquid.
<b>Colour</b>	Milky white
<b>Odour</b>	Characteristic odor
<b>Melting point and freezing point</b>	Approximately 0 °C
<b>Boiling point:</b>	Approximately 100 °C
<b>Flammability</b>	N/A
<b>Lower and upper flammability limit</b>	N/A
<b>Flash point</b>	Greater than 93 °C
<b>Auto-ignition temperature</b>	N/A
<b>Decomposition temperature</b>	N/A
<b>pH</b>	6 - 8
<b>Viscosity:</b>	<100 cps @ 24 °C
<b>Solubility in water:</b>	Miscible
<b>Partition coefficient – n-octanol/water</b>	N/A
<b>Vapour pressure (mm Hg)</b>	0.5 h Pa for the most volatile ingredient
<b>Specific gravity or density (water = 1 at 4 °C):</b>	1.03 g/cm <sup>3</sup> @ 20 °C
<b>Relative vapour density</b>	2.1 for the most volatile ingredient
<b>Particle characteristic</b>	N/A

**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:**

May react with strong oxidizers.

**10d Conditions to avoid:**

Avoid contact with strong oxidizers.

**10e Incompatible materials**

Acids, strong oxidizers.

**10f Hazardous decomposition products:**

With strong oxidizers: heat, water vapour, decomposition products, carbon oxides, phosphorus and others.

**SECTION 11 - TOXICOLOGICAL INFORMATION****Acute toxicity:**

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

**Skin:** May cause irritation.

**Inhalation:** May cause irritation of respiratory tract.

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

**Carcinogenicity:**

No ingredient listed by IARC as a possible



**Teratogenicity, mutagenicity, other reproductive effects:** carcinogen.  
**Skin sensitization:** Not available  
**Respiratory tract sensitization:** Ingredients not sensitizing  
**Synergistic materials:** Not available  
**Other important hazards:** Not available

**Toxicological data:**

Ingredient	LD <sub>50</sub> (route, species)	LC <sub>50</sub> # hours (species)
Diethyleneglycol monoethylether	6,031 mg/kg (oral, rat) 9,143 mg/kg (dermal, lapin)	Not available
Acrylate copolymer	Not available	Not available
Tributoxyethyl phosphate	3,000 mg/kg (oral, rat) > 5,000 mg/kg (dermal, rabbit)	Not available
Ethylene glycol	7 712 mg/kg (oral, rat) 3 500 mg/kg (mouse)	LC50 (6 h) 2.5 mg/L air (rat)
2-Ethylhexylbenzoate	2,500 – 5,000 mg/kg (oral, rat) 5,000 mg/kg bw (dermal, rat)	Not available

For more details, refer to Section 3.

**SECTION 12 - ECOLOGICAL INFORMATION**

**12a Ecotoxicity:**

TOXICITY (Fish)	Results	Exposure time	Method
Diethyleneglycol monoethylether	Catfish LC50 6010 mg/L	96H	N/A
Acrylate copolymer	N/A		
Tributoxyethyl phosphate	Pimephales promelas 11.2 mg/L	96H	N/A
Ethylene glycol	Fish 72.86 g/L	96H	N/A
2-Ethylhexylbenzoate	Fish 0.66 mg/L	96H	N/A

TOXICITY (Daphnia)	Results	Exposure time	Method
Diethyleneglycol monoethylether	1,982 mg/L	48H	N/A
Acrylate copolymer	N/A		
Tributoxyethyl phosphate	N/A		
Ethylene glycol	EC50 100 mg/L	48H	N/A
2-Ethylhexylbenzoate	EC50 125 µg/L	48H	N/A

TOXICITY (Algae)	Results	Exposure time	Method
Diethyleneglycol monoethylether	Desmodesmus subspicatus EC50 > 100 mg/L	96H	N/A
Acrylate copolymer	N/A		
Tributoxyethyl phosphate	N/A		
Ethylene glycol	EC50 3.536 - 13 g/L	96H	N/A
2-Ethylhexylbenzoate	EC50 35 µg/L	96H	N/A

**12b Persistence and degradability:** Product is readily biodegradable

**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**

**Date of latest revision:** 2025-12-23

**References:**

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
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