Safety Data Sheet

SOPRADRAIN DMB

1. Identification

Product identifier:	SOPRADRAIN DMB
Reference document:	CA U DRU SS FS 397
Recommended use:	Vertical membrane drainage system
Restriction on use:	Any that differs from the recommended use
Supplier Name:	AYR-FOIL
	3050, Sainte-Anne Blvd
	Québec (Quebec)
	G1E 6N1 CANADA
Telephone:	Soprema : +1 877 626-6688
Available hours:	8h00 - 17h00 Monday to Friday
Emergency tel. number:	Chemtrec: +1 800 424-930

2. Hazard identification

Signal word: NONE

Product classification: This product is not regulated under WHMIS 2015 and HCS 2024.

Hazard statement(s): This product is not a hazardous material.

Precautionary statement(s)

Prevention: Wash hands thoroughly after handling and any other part of the body that may have been exposed to the product. Wear protective gloves, protective clothing, eye and face protection.

Response: Not applicable

Storage: Not applicable

Disposal: Dispose of contents/container in accordance with local, regional, national and/or international regulations in force.

Other hazards: Not applicable

See toxicological information, section 11

3. Composition / Information on ingredients

No	CAS No :	Common name and synonyms	Concentration % (w/w)
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	100

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4. First-aid measures

If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

Eye contact: If irritation, get medical attention.

Skin contact: If irritation, consult a doctor.

Inhalation: Not applicable.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting unless instructed by medical personnel.

Symptoms: No known symptoms.

Effects (acute or delayed): None known effect.

Immediate medical attention and special treatment: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Suitable extinguishing media: Use dry chemical, CO_2, water spray (fog) or foam.

Unsuitable extinguishing media: Jets of water can facilitate the spread of fire.

Specific hazards arising from the hazardous product: No specific hazard.

Hazardous combustion products: Carbon monoxide and dioxide.

Special protective equipment and precautions for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: N/A

Protective equipment and emergency procedures: N/A

Methods and materials for containment and cleaning up: N/A

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7. Handling and storage

Precautions for safe handling: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid contact with eyes, skin and clothing. Do not ingest.

Conditions for safe storage: Store protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink.

Incompatibility: Strong oxidizing agents.

8. Exposure Controls/ Personal protection

Control parameters:

Occupational exposure limit values:

Alberta

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

British-Columbia

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

Ontario

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

Quebec

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

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Saskatchewan

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

United States

No	CAS No :	Common name and synonyms	IDLH NIOSH	Regulatory Limits			Recommended Limits	
				OSHA PEL		California / OSHA PEL	NIOSH REL	ACGIH ® 2025 TLV ®
				ppm	mg/m³	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

IDLH: Immediately Dangerous to Life or Health Concentrations
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limits
California / OSHA: California Division of Occupational Safety and Health
REL: Recommended Exposure Limits
ACGIH ®: American Conference of Governmental Industrial Hygienists
TLV ®: Threshold Limit Values

Appropriate engineering controls: N/A

Individual protection measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Eyes: DO NOT WEAR CONTACT LENSES.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Respiratory: N.A.

Others: Wear protective clothing with long sleeves and appropriate safety shoes at all times.

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9. Physical and chemical properties

Physical state: Solid
Colour: Black
Odour: Odorless
Melting/Freezing point: Not available
Initial boiling point/boiling range: Not applicable
Flammability: Not applicable
Lower flammable/explosive limit: Not applicable
Upper flammable/explosive limit: Not applicable
Flash point: Not applicable
Auto-ignition temperature: Not applicable
Decomposition temperature: > 500 °C (932 °F)
pH: Not applicable
Kinematic viscosity: Not applicable
Solubility (in water): Insoluble
Partition coefficient – n-octanol/water (Log Kow): Not applicable
Vapour pressure: Not applicable
Density and relative density: 0.918 kg/L at 20 °C (water = 1)
Relative vapour density: Not applicable
Particle characteristics: Not applicable

10. Stability and reactivity

Reactivity: Stable under recommended conditions of storage and handling.

Chemical stability: The product is chemically stable under normal conditions of use.

Possibility of hazardous reactions: No dangerous or polymerization reactions will not occur under normal conditions of use.

Conditions to avoid: Keep away from incompatible products (see section 7).

Incompatible materials: None known at room temperature.

Hazardous decomposition products: Carbon monoxide and dioxide.

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11. Toxicological information

	Oral	Dermal	Inhalation gases	Inhalation vapours	Inhalation dusts/mists
$ATE_{product}$	> 5000 mg/kg	> 5000 mg/kg	N/A	N/A	> 5 mg/l

No	CAS No :	Common name and synonyms	LD_{50} oral mg/kg	LD_{50} skin mg/kg	LC_{50} inhalation ppmV 4h - gases	LC_{50} inhalation mg/l 4h - vapours	LC_{50} inhalation mg/l 4h - dusts-mist
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	> 5000	> 5000	N/A	N/A	> 5.00

Routes of exposure: This product is absorbed through the skin.

Symptoms: No known symptoms.

Delayed and immediate effects: None known effect.

Aspiration hazard	N/A
Skin corrosion - Skin irritation	N/A
Serious eye damage - Serious eye irritation - Eye irritation	N/A
Skin sensitization	N/A
Respiratory sensitization	N/A
Specific target organ toxicity – single exposure	N/A
Specific target organ toxicity – single exposure Category 3 Narcotic effects	N/A
Specific target organ toxicity – single exposure Category 3 Respiratory tract irritation	N/A
Specific target organ toxicity – repeated exposure	N/A

No	CAS No :	Common name and synonyms	IARC	ACGIH	Mutagenicity	Effect on reproduction - Fertility	Effect on reproduction - Development
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	3	Not listed	No effects shown.	The data do not allow for an adequate evaluation of the effects on fertility.	The data do not allow for an adequate evaluation of the effects on development.

Cancer classification under IARC (International Agency for Research on Cancer)

Group 1: carcinogenic to humans.
Group 2A: probably carcinogenic to humans.
Group 2B: possibly carcinogenic to humans.
Group 3: not classifiable as to its carcinogenicity to humans.
Group 4: probably not carcinogenic to humans.

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Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists)

Group A1: confirmed human carcinogen.
Group A2: suspected human carcinogen.
Group A3: confirmed animal carcinogen with unknown relevance to humans.
Group A4: not classifiable as a human carcinogen.
Group A5: not suspected as a human carcinogen.

12. Ecological information

Ecotoxicity

No	CAS No :	Common name and synonyms	%	Aquatic Ecotoxicity short term	Aquatic Ecotoxicity long term	Terrestrial Ecotoxicity
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	100	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.

Persistence and degradability. Bioaccumulative potential. Other adverse effects

No	CAS No :	Common name and synonyms	%	Persistent	Bio-accumulation	Aquatic ecotoxicity
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	100	Yes	No	No

Degradability: N/A

Mobility in soil: N/A

13. Disposal considerations

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

	TDG	DOT	IMDG	IATA
UN Number				
Proper shipping name	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED
Transport hazard class(es)				
Packing group				

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Canada - ERAP

Not applicable

United States - Reportable Quantities (RQ)

Not applicable

Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78), and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)): N/A

Marine pollutant: No

Exemption for limited quantity: Not applicable

Other exemptions: Not applicable

Special precautions: Not applicable

15. Regulatory information

Canada

No	CAS No :	Common name and synonyms	%	DSL	NDSL	NPRI
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	100	X		

United States

No	CAS No :	Common name and synonyms	%	TSCA	PROP-65	RTK
1	9002-88-4	Polyethylene. Polyethylene, homopolymer	100	X		

The classification of the product and the SDS were developed in accordance with HPR 2015 (rev. 2022) and HCS 2024.

16. Other information

Date: 2026-01-23

Version: 1

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