

SECTION 1 Identification

1.1. GHS Product identifier

Product form : Mixture
Product name : Multi-vehicle antifreeze (green) 50-50

1.2. Other means of identification

Cooling liquid

1.3. Recommended use of the chemical and restrictions on use

Industrial applications: Coolant formulation.

1.4. Supplier's details

Harnois Énergies
80 Route 158
Saint-Thomas, Qc J0K 3L0
Canada
T 450-759-7979; Sans frais: 1-800-363-2712 - F 450-759-7001

1.5. Emergency phone number

Emergency number : Harnois Énergies Customer Service: 1-800-363-2712 (Monday to Friday 7 a.m. to 8 p.m.)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Acute toxicity (oral), Category 4	H302	Harmful if swallowed
Reproductive toxicity, Category 1B	H360	May damage fertility or the unborn child
Specific target organ toxicity, Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment, Acute Hazard, Category 3	H402	Harmful to aquatic life

Full text of H-statements: see section 16

2.2. GHS label elements, including precautionary statements

GHS CA labelling

Hazard pictograms :  

Signal word : Danger

Hazard statements : H302 - Harmful if swallowed
H360 - May damage fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure.
H402 - Harmful to aquatic life

Precautionary statements : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust, fume, gas, mist, vapours, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P308+P313 - IF exposed or concerned: Get medical advice or attention.
P314 - Get medical advice or attention if you feel unwell.
P330 - Rinse mouth.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	Conc. (% w/w)
Monoethylene glycol	-	CAS-No.: 107-21-1	30 – 65
Sodium nitrite	-	CAS-No.: 7632-00-0	0.1 – 1.5
Disodium tetraborate, anhydrous	-	CAS-No.: 1330-43-4	0.1 – 1.5
2(3H)-Benzothiazolethione sodium salt	-	CAS-No.: 2492-26-4	0.1 – 1.5

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.
First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal conditions.
Symptoms/effects after skin contact : None under normal conditions.
Symptoms/effects after eye contact : None under normal conditions.
Symptoms/effects after ingestion : Harmful if swallowed.
Chronic symptoms : May damage fertility or the unborn child.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

Environmental precautions : Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray.
Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Store locked up.
Packaging materials : Store always product in container of same material as original container.

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Monoethylene glycol (107-21-1)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL C	100 mg/m ³
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Ethylene glycol (vapour and mist)
Plafond (OEL C)	127 mg/m ³
	50 ppm
Notations and remarks	RP
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL TWA	10 mg/m ³ Total, aerosol only
OEL STEL	20 mg/m ³ Total, aerosol only
OEL C	100 mg/m ³ Total, aerosol only
	50 ppm Vapour
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL TWA	25 ppm (V - Vapor fraction)
OEL STEL	10 mg/m ³ (I - Inhalable particulate matter, H - Aerosol only)
	50 ppm (V - Vapor fraction)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL TWA	25 ppm (V - Vapor fraction)
OEL STEL	10 mg/m ³ (I - Inhalable particulate matter, H - Aerosol only)
	50 ppm (V - Vapor fraction)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

Monoethylene glycol (107-21-1)	
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL TWA	25 ppm (V - Vapor fraction)
OEL STEL	10 mg/m ³ (I - Inhalable particulate matter, H - Aerosol only)
	50 ppm (V - Vapor fraction)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Ethylene glycol, (as an aerosol)
OEL C	100 mg/m ³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Ethylene glycol, (as an aerosol)
OEL C	100 mg/m ³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL C	100 mg/m ³ (H - Aerosol only)
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Ethylene glycol
OEL TWA	25 ppm (V - Vapor fraction)
OEL STEL	10 mg/m ³ (I - Inhalable particulate matter, H - Aerosol only)
	50 ppm (V - Vapor fraction)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Ethylene glycol, (as an aerosol)
OEL C	100 mg/m ³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Disodium tetraborate, anhydrous (1330-43-4)	
Canada (Quebec) - Occupational Exposure Limits	
Local name	Borate, inorganic compounds - Sodium tetraborate, anhydre
VECD (OEL STEV)	6 mg/m ³ Id
VEMP (OEL TWA EV)	2 mg/m ³ Id
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

Disodium tetraborate, anhydrous (1330-43-4)	
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Borate compounds, inorganic
OEL TWA	2 mg/m ³ Inhalable
OEL STEL	6 mg/m ³
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Sodium tetraborate, anhydrate
OEL TWA	2 mg/m ³ (I - Inhalable particulate matter)
OEL STEL	6 mg/m ³ (I - Inhalable particulate matter)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Borate compounds, inorganic
OEL TWA	2 mg/m ³
OEL STEL	6 mg/m ³
Notations and remarks	Varies URT irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Sodium tetraborate, anhydrate
OEL TWA	2 mg/m ³ (I - Inhalable particulate matter)
OEL STEL	6 mg/m ³ (I - Inhalable particulate matter)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Sodium tetraborate, anhydrate
OEL TWA	2 mg/m ³ (I - Inhalable particulate matter)
OEL STEL	6 mg/m ³ (I - Inhalable particulate matter)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Borate compounds, inorganic
OEL TWA	2 mg/m ³ (inhalable fraction)
OEL STEL	6 mg/m ³ (inhalable fraction)
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Borate compounds, inorganic
OEL TWA	2 mg/m ³ (inhalable fraction)
OEL STEL	6 mg/m ³ (inhalable fraction)

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

Disodium tetraborate, anhydrous (1330-43-4)	
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Borate compounds, Inorganic
OEL TWAEV	2 mg/m ³ (I - Inhalable fraction)
	6 mg/m ³ (I - Inhalable fraction)
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Sodium tetraborate, anhydrate
OEL TWA	2 mg/m ³ (I - Inhalable particulate matter)
OEL STEL	6 mg/m ³ (I - Inhalable particulate matter)
Notations and remarks	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Borate compounds, inorganic
OEL TWA	2 mg/m ³ (inhalable fraction)
OEL STEL	6 mg/m ³ (inhalable fraction)
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
[In case of inadequate ventilation] wear respiratory protection.

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid
Colour	: Fluorescent green
Odour	: Slight
pH	: No data available
Melting point	: -37 °C (-34.6°F)
Freezing point	: No data available
Boiling point	: 129 °C (264.2°F)
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability	: Not applicable
Vapour pressure	: 0.008 kPa (0.06 mm Hg) [room temperature]
Relative vapour density at 20°C	: 2.1
Relative density	: 1.071
Density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

Multi-vehicle antifreeze (green) 50-50	
ATE CA (oral)	1111.111 mg/kg bodyweight
Monoethylene glycol (107-21-1)	
LD50 oral rat	7712 mg/kg bodyweight Animal: rat
ATE CA (oral)	500 mg/kg bodyweight
Sodium nitrite (7632-00-0)	
ATE CA (oral)	100 mg/kg bodyweight
2(3H)-Benzothiazolethione sodium salt (2492-26-4)	
LD50 oral rat	> 625 mg/kg Source: IUCLID
LD50 dermal rabbit	> 5010 mg/kg Source: IUCLID
ATE CA (oral)	500 mg/kg bodyweight
Skin corrosion/irritation	: Not classified
Monoethylene glycol (107-21-1)	
pH	6 – 7.5 Source: GESTIS
Serious eye damage/irritation	: Not classified
Monoethylene glycol (107-21-1)	
pH	6 – 7.5 Source: GESTIS
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: May damage fertility or the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
Monoethylene glycol (107-21-1)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: Harmful if swallowed.
Chronic symptoms	: May damage fertility or the unborn child.

SECTION 12 Ecological information

12.1. Toxicity

Ecology - general	: Harmful to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Harmful to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

Monoethylene glycol (107-21-1)	
LC50 - Fish [1]	> 72860 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

Monoethylene glycol (107-21-1)	
EC50 96h - Algae [1]	6500 – 13000 mg/l Source: ECHA
NOEC (chronic)	≥ 1000 mg/l Test organisms (species): Americamysis bahia (previous name: Mysidopsis bahia) Duration: '23 d'
2(3H)-Benzothiazolethione sodium salt (2492-26-4)	
LC50 - Fish [1]	3.8 mg/l Source: HSDB
EC50 - Crustacea [1]	19 mg/l Source: HSDB

12.2. Persistence and degradability

Multi-vehicle antifreeze (green) 50-50	
Persistence and degradability	Not rapidly degradable
Monoethylene glycol (107-21-1)	
Persistence and degradability	Rapidly degradable
Sodium nitrite (7632-00-0)	
Persistence and degradability	Not rapidly degradable
disodium tetraborate, anhydrous (1330-43-4)	
Persistence and degradability	Rapidly degradable
2(3H)-Benzothiazolethione sodium salt (2492-26-4)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

Monoethylene glycol (107-21-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.36

12.4. Mobility in soil

Monoethylene glycol (107-21-1)	
Mobility in soil	0.2 Source: HSDB

12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

SECTION 14 Transport information

In accordance with TDG / IMDG / IATA

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

14.1. UN Number

UN-No. (TDG) : UN3082
UN-No. (IMDG) : 3082
UN-No. (IATA) : 3082

14.2. UN Proper Shipping Name

Proper Shipping Name (TDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sodium nitrite)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sodium nitrite)
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s. (Sodium nitrite)

14.3. Transport hazard class(es)

TDG

Transport hazard class(es) (TDG) : 9
Hazard labels (TDG) : 9
:



IMDG

Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9
:



IATA

Transport hazard class(es) (IATA) : 9
Danger labels (IATA) : 9
:



14.4. Packing group, if applicable

Packing group (TDG) : III
Packing group (IMDG) : III
Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : No
Other information : No supplementary information available.

14.6. Special precautions for user

TDG

UN-No. (TDG) : UN3082

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

TDG Special Provisions	: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be offered for transport, handled or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport. (2) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Emergency Response Guide (ERG) Number	: 171
IMDG	
Special provisions (IMDG)	: 274, 335, 375, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A
IATA	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215

Multi-vehicle antifreeze (green) 50-50

Safety Data Sheet

according to Hazardous Products Regulation (WHMIS Revision 7-8)

ERG code (IATA) : 9L

14.7. Transport in bulk according to Annex II of MARPOL 73/78⁹ and the IBC Code¹⁰

Not applicable

SECTION 15 Regulatory information

Monoethylene glycol (107-21-1)
Listed on the Canadian DSL (Domestic Substances List)
Sodium nitrite (7632-00-0)
Listed on the Canadian DSL (Domestic Substances List)
disodium tetraborate, anhydrous (1330-43-4)
Listed on the Canadian DSL (Domestic Substances List)
2(3H)-Benzothiazolethione sodium salt (2492-26-4)
Listed on the Canadian DSL (Domestic Substances List)

SECTION 16 Other Information

Issue date : 6/15/2018
Revision date : 9/23/2025
Supersedes : 6/15/2018

Full text of hazard classes and H-statements:	
H302	Harmful if swallowed
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure.
H402	Harmful to aquatic life

Safety Data Sheet (SDS), Canada - Toxyscan 2025

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.