

**Safety Data Sheet**

according to WHMIS

PE 1000+, Comp. A

Revision date: 20.03.2020

Page 2 of 8

Mixtures**Hazardous components**

CAS No	Chemical name	Quantity
1675-54-3	2,2-Bis(4-glycidyloxyphenyl)propane	25 - 50 %
9003-36-5	Bisphenol-F-epichlorohydrin resin MW <= 700	10 - 20 %
16096-31-4	1,6-Bis(2,3-epoxypropoxy)hexane	10 - 20 %
	Alkyl Ester (Ref.: 722 43/00/2012.0028, Germany)	1 - 10 %

Further Information

The actual concentration is withheld as a trade secret.

4. First-aid measures**Description of first aid measures****General information**

First aider: Pay attention to self-protection! Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. Medical treatment necessary.

Most important symptoms and effects, whether acute or delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Foam

Extinguishing powder

Water spray jet

Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

Specific hazards arising from the hazardous product

Pyrolysis products, toxic

Carbon monoxide

Special protective equipment and precautions for fire-fighters

In case of fire and/or explosion do not breathe fumes.

Wear a self-contained breathing apparatus and chemical protective clothing.



Safety Data Sheet

according to WHMIS

PE 1000+, Comp. A

Revision date: 20.03.2020

Page 3 of 8

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.
Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up

Collect spillage. Take up mechanically, placing in appropriate containers for disposal. Suitable material for taking up: Sand.

Treat the recovered material as prescribed in the section on waste disposal.

Retain contaminated washing water and dispose it.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use only outdoors or in a well-ventilated area.

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Store in a place accessible by authorized persons only.

Keep only in the original container in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Oxidising agent, strong

Do not use for products which come into contact with the food stuffs.

Further information on storage conditions

storage temperature: 5 - 35°C

8. Exposure controls/Personal protection

Control parameters

Additional advice on limit values

This mixture includes quartz (silica) which is firmly bound in the pasty component, and thus not freely available during use, so that a risk of dust inhalation is excluded.

Exposure controls





Safety Data Sheet

according to WHMIS

PE 1000+, Comp. A

Revision date: 20.03.2020

Page 4 of 8

Appropriate engineering controls

Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Eye/face protection

Wear safety glasses.

Hand protection

Wear chemical resistant protective gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Wear respiratory protection if ventilation is inadequate.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Paste	
Colour:	light beige	
pH-Value:		not determined

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not applicable

Flammability

Solid:	not determined
Gas:	not applicable
Lower explosive limits:	not determined
Upper explosive limits:	not determined

Auto-ignition temperature

Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined

Oxidizing properties

Not oxidising.

Vapour pressure:	not determined
Density (at 20 °C):	1,49 g/cm ³
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.

Solubility in other solvents

not determined

Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

**Safety Data Sheet**

according to WHMIS

PE 1000+, Comp. A

Revision date: 20.03.2020

Page 5 of 8

Other information

Solid content: not determined

10. Stability and reactivity**Reactivity**

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Violent reaction with: Oxidising agent, strong

Conditions to avoid

none

Incompatible materials

Keep away from: Oxidizing agent

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information**Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
1675-54-3	2,2-Bis(4-glycidyoxyphenyl)propane				
	oral	LD50 mg/kg	11400	Rat	
9003-36-5	Bisphenol-F-epichlorohydrin resin MW <= 700				
	oral	LD50 mg/kg	> 2000	Rat	
	dermal	LD50 mg/kg	> 2000	Rat	
16096-31-4	1,6-Bis(2,3-epoxypropoxy)hexane				
	oral	LD50 mg/kg	2190	Rat	OECD 401
	dermal	LD50 mg/kg	> 2000	Rat	OECD 402
	inhalation (4 h) vapour	LC50 mg/l	0,035	Rat	
	Alkyl Ester (Ref.: 722 43/00/2012.0028, Germany)				
	oral	LD50 mg/kg	20700	Mouse	
	dermal	LD50 mg/kg	2000	Rabbit	

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

**Safety Data Sheet**

according to WHMIS

PE 1000+, Comp. A

Revision date: 20.03.2020

Page 6 of 8

Sensitizing effects

May cause an allergic skin reaction. (2,2-Bis(4-glycidioxyphenyl)propane; Bisphenol-F-epichlorohydrin resin
MW ≤ 700; 1,6-Bis(2,3-epoxypropoxy)hexane)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

12. Ecological information**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

13. Disposal considerations**Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

14. Transport information**Canadian TDG****UN/ID number:**

UN 3077

Proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Trimethylolpropane triglycidyl ether, Bisphenol-A/F-Epoxy resin)**Hazard classes:**

9

Packing group:

III

Hazard label:

9

Limited quantity:

5



**Safety Data Sheet**


according to WHMIS

PE 1000+, Comp. A

Revision date: 20.03.2020

Page 7 of 8


Marine transport (IMDG)

UN number:	UN 3077
United Nations proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-F-Epoxy resin)
Transport hazard class(es):	9
Packing group:	III
Hazard label:	9
	
Special Provisions:	274, 335, 966, 967, 969
Limited quantity:	5 kg
Excepted quantity:	E1
EmS:	F-A, S-F

Other applicable information (marine transport)

No dangerous goods in packaging until 5kg according 2.10.2.7 IMDG-Code

Air transport (ICAO-TI/IATA-DGR)

UN number:	UN 3077
United Nations proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-F-Epoxy resin)
Transport hazard class(es):	9
Packing group:	III
Hazard label:	9
	
Special Provisions:	A97 A158 A179 A197
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y956
Excepted quantity:	E1
IATA-packing instructions - Passenger:	956
IATA-max. quantity - Passenger:	400 kg
IATA-packing instructions - Cargo:	956
IATA-max. quantity - Cargo:	400 kg

Other applicable information (air transport)

No dangerous goods in packaging until 5kg according A197 IATA-DGA

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

**15. Regulatory information****Canadian regulations****DSL/NDSL inventory status**

All ingredients of this mixture are included on the DSL Inventory.



Safety Data Sheet

according to WHMIS

PE 1000+, Comp. A

Revision date: 20.03.2020

Page 8 of 8

16. Other information

Changes

This data sheet contains changes from the previous version in section(s): 3.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

ATE: Estimated average treatment effect

CAS: Chemical Abstracts Service

DSL: Domestic substances list

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations (DRG) for the air transport (IATA)

ICAO-TI: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

SIMDUT: Système d'information sur les matières dangereuses utilisées au travail

TDG: Transport of Dangerous Goods

TMD: Transport des marchandises dangereuses

TWA: Time-weighted average

UN number: United Nations number

WHIMS: Workplace Hazardous Materials Information System

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)



Safety Data Sheet

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 2 of 9

Immediately call a POISON CENTER/doctor.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards

Contains Amines. May produce an allergic reaction.

3. Composition/information on ingredients

Mixtures

Hazardous components

CAS No	Chemical name	Quantity
2855-13-2	3-Aminomethyl-3,5,5-trimethylcyclohexylamine	30 - < 40 %
1950616-36-0	Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine)	15 - < 25 %
77138-45-5	Formaldehyde, oligomeric reaction products with 4,4'-isopropylidenediphenol and diethylenetriamine	15 - < 25 %
1477-55-0	m-Phenylenebis(methylamine)	15 - < 25 %
90-72-2	2,4,6-Tris(dimethylaminomethyl)phenol	5 - < 10 %
100-51-6	Benzyl alcohol	5 - < 10 %
111-40-0	Diethylenetriamine	5 - < 10 %
108-95-2	Phenol	1 - < 5 %
71074-89-0	Bis[(dimethylamino)methyl]phenol	1 - < 5 %
80-05-7	Bisphenol A	1 - < 5 %

Further Information

The actual concentration is withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General information

First aider: Pay attention to self-protection! Remove affected person from the danger area and lay down. Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. Medical treatment necessary.

Most important symptoms and effects, whether acute or delayed

Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

Suspected of causing genetic defects.

May damage fertility.

Indication of immediate medical attention and special treatment needed



Safety Data Sheet

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 3 of 9

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Foam
Extinguishing powder
Water spray jet
Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

Specific hazards arising from the hazardous product

Pyrolysis products, toxic
Carbon monoxide

Special protective equipment and precautions for fire-fighters

In case of fire and/or explosion do not breathe fumes.
Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.
Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Avoid contact with skin, eyes and clothes. Provide adequate ventilation.

Environmental precautions

Avoid release to the environment. Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up

Collect spillage. Take up mechanically, placing in appropriate containers for disposal. Suitable material for taking up: Sand
Treat the recovered material as prescribed in the section on waste disposal.
Retain contaminated washing water and dispose it.

Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use only outdoors or in a well-ventilated area.
Wear personal protection equipment (refer to section 8).
Avoid contact with skin, eyes and clothes.
When using do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.
Store in a place accessible by authorized persons only.
Keep only in the original container in a cool, well-ventilated place.

Safety Data Sheet

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 4 of 9

Hints on joint storage

Do not store together with: Oxidising agent, strong, Organic peroxides
Do not use for products which come into contact with the food stuffs.

Further information on storage conditions

storage temperature: 5 - 35°C

8. Exposure controls/Personal protection

Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

Exposure controls



Appropriate engineering controls

Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Protective and hygiene measures

Take off contaminated clothing and wash it before reuse. Draw up and observe skin protection programme. Wash hands thoroughly after handling. When using do not eat, drink or smoke. Avoid contact during pregnancy and while nursing.

Eye/face protection

Wear eye protection/face protection.
Wear safety glasses.

Hand protection

Wear chemical resistant protective gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Paste	
Colour:	black / red	
Odour:	characteristic	
pH-Value:		not applicable

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not applicable

Flammability

Solid:	not determined
Gas:	not applicable
Lower explosive limits:	not determined

**Safety Data Sheet**

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 5 of 9

Upper explosive limits: not determined

Auto-ignition temperature

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure: not determined

Density (at 20 °C): 1,07 g/cm³

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water.

Solubility in other solvents

not determined

Partition coefficient: not determined

Vapour density: not determined

Evaporation rate: not determined

Other information

Solid content: not determined

10. Stability and reactivity**Reactivity**

see section 10.3

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Violent reaction with: Oxidising agent

Conditions to avoid

see section 7.2

Incompatible materials

Oxidising agent, strong

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information**Information on toxicological effects****Acute toxicity**

Toxic if inhaled.

Harmful if swallowed.

ATEmix calculated

ATE (oral) 742,1 mg/kg; ATE (inhalation vapour) 5,28 mg/l; ATE (inhalation aerosol) 0,567 mg/l

**Safety Data Sheet**

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 6 of 9

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
2855-13-2	3-Aminomethyl-3,5,5-trimethylcyclohexylamine				
	oral	LD50 mg/kg 1030	Rat		
	dermal	ATE mg/kg 1100			
1477-55-0	m-Phenylenebis(methylamine)				
	oral	LD50 mg/kg 930	Rat		
	dermal	LD50 mg/kg 2000	Rabbit		
	inhalation (1 h) vapour	LC50 3,89 mg/l	Rat		
	inhalation aerosol	ATE 1,5 mg/l			
90-72-2	2,4,6-Tris(dimethylaminomethyl)phenol				
	oral	ATE mg/kg 500			
100-51-6	Benzyl alcohol				
	oral	LD50 mg/kg 1230	Rat	GESTIS	
	inhalation vapour	ATE 11 mg/l			
	inhalation aerosol	ATE 1,5 mg/l			
111-40-0	Diethylenetriamine				
	oral	LD50 mg/kg 1080	Rat		
	dermal	LD50 mg/kg 1054	Rabbit		
	inhalation vapour	ATE 0,5 mg/l			
	inhalation aerosol	ATE 0,05 mg/l			
108-95-2	Phenol				
	oral	LD50 mg/kg 317	Rat		
	dermal	LD50 mg/kg 630	Rabbit		
	inhalation vapour	ATE 3 mg/l			
	inhalation aerosol	ATE 0,5 mg/l			
71074-89-0	Bis[(dimethylamino)methyl]phenol				
	oral	ATE mg/kg 500			
80-05-7	Bisphenol A				
	oral	LD50 mg/kg 3250	Rat		
	dermal	LD50 mg/kg 3000	Rabbit		

Irritation and corrosivity

Causes severe skin burns and eye damage.

Sensitizing effects



Safety Data Sheet

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 7 of 9

May cause an allergic skin reaction. (3-Aminomethyl-3,5,5-trimethylcyclohexylamine; Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine); Formaldehyde, oligomeric reaction products with 4,4'-isopropylidenediphenol and diethylenetriamine; m-Phenylenebis(methylamine); Diethylenetriamine; Bisphenol A)

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of causing genetic defects. (Phenol)

May damage fertility or the unborn child. (Bisphenol A)

Carcinogenicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure. (Phenol)

Aspiration hazard

Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

13. Disposal considerations

Waste treatment methods**Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

14. Transport information

Canadian TDG

<u>UN/ID number:</u>	UN 3259
<u>Proper shipping name:</u>	AMINES, SOLID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine))
<u>Hazard classes:</u>	8
<u>Packing group:</u>	II
Hazard label:	8
Limited quantity:	1

Safety Data Sheet

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 8 of 9



Marine transport (IMDG)

UN number: UN 3259
United Nations proper shipping name: AMINES, SOLID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine))
Transport hazard class(es): 8
Packing group: II
Hazard label: 8



Special Provisions: 223, 274
Limited quantity: 1 kg
Excepted quantity: E2
EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

UN number: UN 3259
United Nations proper shipping name: AMINES, SOLID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine))
Transport hazard class(es): 8
Packing group: II
Hazard label: 8



Special Provisions: A3 A803
Limited quantity Passenger: 5 kg
Passenger LQ: Y844
Excepted quantity: E2
IATA-packing instructions - Passenger: 859
IATA-max. quantity - Passenger: 15 kg
IATA-packing instructions - Cargo: 863
IATA-max. quantity - Cargo: 50 kg

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

15. Regulatory information

Canadian regulations

DSL/NDSL inventory status

All ingredients of this mixture are included on the DSL Inventory.

16. Other information

Changes

This data sheet contains changes from the previous version in section(s): 14.



Safety Data Sheet

according to WHMIS

PE 1000+, Comp. B

Revision date: 20.03.2020

Page 9 of 9

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
ATE: Estimated average treatment effect
CAS: Chemical Abstracts Service
DSL: Domestic substances list
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations (DRG) for the air transport (IATA)
ICAO-TI: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG: International Maritime Code for Dangerous Goods
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
SIMDUT: Système d'information sur les matières dangereuses utilisées au travail
TDG: Transport of Dangerous Goods
TMD: Transport des marchandises dangereuses
TWA: Time-weighted average
UN number: United Nations number
WHIMS: Workplace Hazardous Materials Information System

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)