



Safety Data Sheet

according to WHMIS

Pure220+, Comp. A

Revision date: 10.08.2022

Page 2 of 9

People who are allergic to epoxide should avoid the use of the product.
Use only outdoors or in a well-ventilated area.

To follow: Consumers:
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.

3. Composition/information on ingredients

Mixtures

Hazardous components

CAS No	Chemical name	Quantity
1675-54-3	2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	40 - < 50 %
9003-36-5	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	25 - < 35 %
2425-79-8	1,4-Bis(2,3-epoxypropoxy)butane	10 - < 15 %

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)

**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. A

Revision date: 10.08.2022

Page 3 of 9

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****General advice**

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**Other information**

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.

Advice on general occupational hygiene

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.

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.

Safety Data Sheet

according to WHMIS

Pure220+, Comp. A

Revision date: 10.08.2022

Page 4 of 9

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.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. Wear safety glasses.

Hand protection

Recommended material: NBR (Nitrile rubber)

Breakthrough time: > 480 min

Thickness of the glove material: 0,7 mm

DIN-/EN-Norms EN 374

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these 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:	solid (pasty)
Colour:	light beige
Odour:	characteristic
Odour threshold:	No data available

Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flash point:	not applicable

Flammability

Solid/liquid:	not determined
Gas:	not applicable

**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. A

Revision date: 10.08.2022

Page 5 of 9

Explosive properties

The product is not: Explosive.

Lower explosive limits: not determined

Upper explosive limits: not determined

Self-ignition temperature

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

pH-Value: not determined

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 n-octanol/water: not determined

Vapour pressure: not determined

Density (at 20 °C): 1,17 g/cm³

Relative vapour density: not determined

Other information**Information with regard to physical hazard classes**

Oxidizing properties

Not oxidising.

Other safety characteristics

Solid content: not determined

Evaporation rate: 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

Heat. Keep cool. Protect from sunlight.

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.

**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. A

Revision date: 10.08.2022

Page 6 of 9

ATEmix calculated

ATE (oral) 2217,7 mg/kg; ATE (dermal) 2112,3 mg/kg; ATE (inhalation vapour) 76,28 mg/l; ATE (inhalation dust/mist) 10,402 mg/l

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
1675-54-3	2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane				
	oral	LD50 > 2000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rat		
9003-36-5	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol				
	oral	LD50 > 2000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rat		
2425-79-8	1,4-Bis(2,3-epoxypropoxy)butane				
	oral	LD50 1163 mg/kg	Rat		
	dermal	LD50 >2150 mg/kg	Rat		
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1,5 mg/l			

Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

Sensitizing effects

May cause an allergic skin reaction. (2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane; Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol; 1,4-Bis(2,3-epoxypropoxy)butane)

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 life with long lasting effects.

**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. A

Revision date: 10.08.2022

Page 7 of 9

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
1675-54-3	2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane					
	Acute fish toxicity	LC50 > 1 - 10 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50 > 10 - 1000 mg/l	72 h	Scenedesmus quadricauda		
	Acute crustacea toxicity	EC50 > 1 - 10 mg/l	48 h	Daphnia magna (Big water flea)		
9003-36-5	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol					
	Acute fish toxicity	LC50 2,54 mg/l	96 h	Danio rerio (zebrafish)		
	Acute algae toxicity	ErC50 1,8 mg/l	96 h	Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 2,55 mg/l	48 h	Daphnia magna (Big water flea)		
2425-79-8	1,4-Bis(2,3-epoxypropoxy)butane					
	Acute fish toxicity	LC50 19,8 mg/l	96 h	Leuciscus idus (golden orfe)		
	Acute algae toxicity	ErC50 160 mg/l	72 h	Pseudokirchneriella subcapitata		

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
9003-36-5	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	3,3

Mobility in soil

The product has not been tested.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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****Disposal recommendations**

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

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

UN 3077

Safety Data Sheet

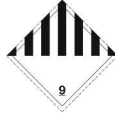
according to WHMIS

Pure220+, Comp. A

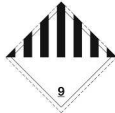
Revision date: 10.08.2022

Page 8 of 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Epoxy resin)
Hazard classes: 9
Packing group: III
Hazard label: 9
Limited quantity: 5

**Marine transport (IMDG)**

UN number or ID number: UN 3077
United Nations proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(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 or ID number: UN 3077
United Nations proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(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 5 kg according A197 IATA-DGA

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. A

Revision date: 10.08.2022

Page 9 of 9

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

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

16. Other information**Abbreviations and acronyms**

ADN: Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation

(European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

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

BCF: Bioconcentration factor

CAS: Chemical Abstracts Service

CLP: Classification, Labeling and Packaging

DMEL: Derived Minimal Effect level

DNEL: Derived No Effect Level

EC50: Effective concentration, 50%

IATA: International Air Transport Association

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

ICAO: International Civil Aviation Organization

IC50: Inhibitory concentration, 50%

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

NOEC: No Observed Effect Concentration

OECD: Organisation for Economic Co-operation and Development

PBT: persistent, bioaccumulative and toxic

vPvB: very persistent and very bioaccumulative

PNEC: Predicted No Effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses (Regulations Concerning the International Carriage of Dangerous Goods by Rail)

VOC: Volatile organic compound

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

Pure220+, Comp. B

Revision date: 10.08.2022

Page 2 of 9

Mixtures**Hazardous components**

CAS No	Chemical name	Quantity
25513-64-8	2,2,4(or 2,4,4)-Trimethylhexane-1,6-diamine	1 - < 10 %
1477-55-0	m-Phenylenebis(methylamine)	1 - < 8 %
90-72-2	2,4,6-Tris(dimethylaminomethyl)phenol	1 - < 10 %
104-15-4	p-Toluenesulphonic acid	1 - < 5 %
112-24-3	3,6-Diazaoctanethylenediamine	< 1 %

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 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 severe skin burns and eye damage.
May cause an allergic skin reaction.

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



Safety Data Sheet

according to WHMIS

Pure220+, Comp. B

Revision date: 10.08.2022

Page 3 of 9

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

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

General advice

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

Other information

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.

Advice on general occupational hygiene

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.

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, Organic peroxides

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

Further information on storage conditions

Keep container tightly closed in a cool place.

storage temperature: 5 - 35°C

8. Exposure controls/Personal protection

Control parameters

Safety Data Sheet

according to WHMIS

Pure220+, Comp. B

Revision date: 10.08.2022

Page 4 of 9

Additional advice on limit values

This mixture contains quartz (inorganic filler) 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 limit values for respirable dusts are not relevant for this product.

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.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. Wear safety glasses.

Hand protection

Recommended material: NBR (Nitrile rubber)
Breakthrough time: > 480 min
Thickness of the glove material: 0,7 mm
DIN-/EN-Norms EN 374

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these 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:	solid (pasty)
Colour:	grey / red
Odour:	characteristic
Odour threshold:	No data available

Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flash point:	not applicable

Flammability

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

Self-ignition temperature

Solid:	not determined
Gas:	not applicable

**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. B

Revision date: 10.08.2022

Page 5 of 9

Decomposition temperature: not determined
pH-Value: not applicable
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 n-octanol/water: not determined

Vapour pressure: not determined

Density (at 20 °C): 1,80 g/cm³

Relative vapour density: not determined

Other information**Information with regard to physical hazard classes**

Oxidizing properties

Not oxidising.

Other safety characteristics

Solid content: not determined

Evaporation rate: 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**

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

ATE_{mix} calculated

ATE (oral) 3456,5 mg/kg; ATE (inhalation vapour) 197,71 mg/l; ATE (inhalation dust/mist) 26,961 mg/l

**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. B

Revision date: 10.08.2022

Page 6 of 9

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
25513-64-8	2,2,4(or 2,4,4)-Trimethylhexane-1,6-diamine				
	oral	ATE 500 mg/kg			
1477-55-0	m-Phenylenebis(methylamine)				
	oral	LD50 930 mg/kg	Rat		
	dermal	LD50 2000 mg/kg	Rabbit		
	inhalation (1 h) vapour	LC50 3,89 mg/l	Rat		
	inhalation dust/mist	ATE 1,5 mg/l			
90-72-2	2,4,6-Tris(dimethylaminomethyl)phenol				
	oral	LD50 2169 mg/kg	Rat		
	dermal	LD50 1280 mg/kg	Rat		
112-24-3	3,6-Diazaoctanethylenediamine				
	oral	LD50 2500 mg/kg	Rat		
	dermal	LD50 805 mg/kg	Rabbit		

Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Sensitizing effects

May cause an allergic skin reaction. (2,2,4(or 2,4,4)-Trimethylhexane-1,6-diamine; m-Phenylenebis(methylamine); 3,6-Diazaoctanethylenediamine)

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**

The product is not: Ecotoxic.

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.

Endocrine disrupting properties

**Safety Data Sheet**

according to WHMIS

Pure220+, Comp. B

Revision date: 10.08.2022

Page 7 of 9

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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****Disposal recommendations**

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

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

UN 3259

Proper shipping name:AMINES, SOLID, CORROSIVE, N.O.S. (2,2,4(or 2,4,4)
-Trimethyl-1,6-hexanediamine; m-Phenylenebis(methylamine))**Hazard classes:**

8

Packing group:

III

Hazard label:

8

Limited quantity:

5

**Marine transport (IMDG)****UN number or ID number:**

UN 3259

United Nations proper shipping name:AMINES, SOLID, CORROSIVE, N.O.S. (2,2,4(or 2,4,4)
-Trimethyl-1,6-hexanediamine; m-Phenylenebis(methylamine))**Transport hazard class(es):**

8

Packing group:

II

Hazard label:

8



Special Provisions:

274

Limited quantity:

1 kg

Excepted quantity:

E2

EmS:

F-A, S-B

Air transport (ICAO-TI/IATA-DGR)**UN number or ID number:**

UN 3259

United Nations proper shipping name:AMINES, SOLID, CORROSIVE, N.O.S. (2,2,4(or 2,4,4)
-Trimethyl-1,6-hexanediamine; m-Phenylenebis(methylamine))**Transport hazard class(es):**

8

Packing group:

II

Hazard label:

8

Safety Data Sheet

according to WHMIS

Pure220+, Comp. B

Revision date: 10.08.2022

Page 8 of 9



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

Abbreviations and acronyms

ADN: Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation
(European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR: Accord européen sur le transport des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
BCF: Bioconcentration factor
CAS: Chemical Abstracts Service
CLP: Classification, Labeling and Packaging
DMEL: Derived Minimal Effect level
DNEL: Derived No Effect Level
EC50: Effective concentration, 50%
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations (DRG) for the air transport (IATA)
ICAO: International Civil Aviation Organization
IC50: Inhibitory concentration, 50%
IMDG: International Maritime Code for Dangerous Goods
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
NOEC: No Observed Effect Concentration
OECD: Organisation for Economic Co-operation and Development
PBT: persistent, bioaccumulative and toxic
vPvB: very persistent and very bioaccumulative
PNEC: Predicted No Effect Concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses (Regulations Concerning the International Carriage of Dangerous Goods by Rail)
VOC: Volatile organic compound

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



Safety Data Sheet

according to WHMIS

Pure220+, Comp. B

Revision date: 10.08.2022

Page 9 of 9

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.)