



according to WHMIS

PURE 50+, Comp. A

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1. Identification

Product identifier

PURE 50+, Comp. A

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Adhesive mortar for fastening elements A-Component (resin)

Uses advised against

no restriction

Details of the supplier of the safety data sheet

Company name: Stanley Black & Decker Canada Corp.

Street: 6275 Millcreek Drive

Place: Mississauga, ON L5N 7K6, Canada

Telephone: +1 800 524 3244 Telefax:+1 877 871 1965

Emergency telephone number: CHEMTREC USA: +1 800 424 9300 (24/7)

CHEMTREC International: +1 703 527 3887 (24/7)

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015

Skin corrosion/irritation: Skin Corr. 1C

Serious eye damage/eye irritation: Eye Dam. 1 Respiratory or skin sensitization: Skin Sens. 1

Reproductive toxicity: Repr. 1B

Label elements

WHMIS 2015

Signal word: Danger

Pictograms:







Hazard statements

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

May damage fertility or the unborn child.

Precautionary statements

Obtain special instructions before use.

Do not breathe vapours.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Wash contaminated clothing before reuse.

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

Other hazards

The product is environmentally hazardous. Toxic to aquatic life with long lasting effects.



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3. Composition/information on ingredients

Mixtures

Hazardous components

CAS No	Chemical name	Quantity
9003-36-5	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	25 - 50 %
1675-54-3	2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	10 - 30 %
28064-14-4	Phenol, polymer with formaldehyde, glycidyl ether	< 20 %
30499-70-8	1,3-Propanediol, 2-ethyl-2(hydroxymethyl)-, polymer with (chlorormethyl)oxirane	1 - 20 %

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. Change contaminated, saturated clothing.

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 eves

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

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.

May damage fertility or the unborn child.

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





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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

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

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.

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

Advice on general occupational hygiene

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.

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 use for products which come into contact with the food stuffs.

Store in a well-ventilated place. Keep cool.

Further information on storage conditions

Keep container tightly closed in a cool place. Protect from sunlight. storage temperature: 5 - 30 °C

8. Exposure controls/Personal protection

Control parameters





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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

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: solid (pasty)
Colour: light beige
Odour: characteristic
Odour threshold: No data available

Melting point/freezing point:

Boiling point or initial boiling point and

not determined
not determined

boiling range:

Flammability: not determined Lower explosive limits: not determined Upper explosive limits: not determined Flash point: not applicable Decomposition temperature: not determined pH-Value: not determined The study does not need to be conducted Water solubility: because the substance is known to be insoluble in water.

Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

Vapour pressure:

Density (at 20 °C):

Relative vapour density:

not determined

1,35 g/cm³

not determined

Other information

Information with regard to physical hazard classes

Self-ignition temperature





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Solid: not determined Gas: not applicable

Oxidizing properties Not oxidising.

Other safety characteristics

Evaporation rate: not determined 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

No known hazardous reactions.

Conditions to avoid

none

Incompatible materials

No information available.

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Acute toxicity

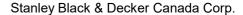
Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) 4384,6 mg/kg; ATE (dermal) 4173,5 mg/kg

CAS No	Chemical name						
	Route of exposure	Dose		Species	Source	Method	
9003-36-5	Formaldehyde, polyme	r with 2-(chlo	romethyl	oxirane and phenol			
	oral	LD50 > mg/kg	2000	Rat			
	dermal	LD50 > mg/kg	2000	Rat			
1675-54-3	2,2'-[(1-Methylethylider	2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane					
	oral	LD50 1 mg/kg	5000	Rat			
	dermal	LD50 2 mg/kg	23000	Rabbit			
30499-70-8	1,3-Propanediol, 2-ethyl-2(hydroxymethyl)-, polymer with (chlorormethyl)oxirane						
	oral	LD50 > mg/kg	2000	Rat			
	dermal	LD50 > mg/kg	2000	Rat			

Irritation and corrosivity





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Causes severe skin burns and eye damage.

Causes serious eye damage.

Sensitizing effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

May damage fertility or the unborn child. (1,3-Propanediol, 2-ethyl-2(hydroxymethyl)-, polymer with (chlorormethyl)oxirane)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

Aspiration hazard

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

Information on other hazards

Other information

No information available.

12. Ecological information

Ecotoxicity

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d] Species		Source	Method
9003-36-5	Formaldehyde, polymer	with 2-(ch	with 2-(chloromethyl)oxirane and phenol				
	Acute fish toxicity	LC50 mg/l	2,54	96 h	Danio rerio (zebrafish)		
	Acute algae toxicity	ErC50	1,8 mg/l		Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 mg/l	2,55		Daphnia magna (Big water flea)		
1675-54-3	75-54-3 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane						
	Acute fish toxicity	LC50	2 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50	11 mg/l	72 h			
	Acute crustacea toxicity	EC50	1.8 mg/l		Daphnia magna (Big water flea)		

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.





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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

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

UN 1759 **UN number:**

Proper shipping name: CORROSIVE SOLID, N.O.S. (1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-,

polymer with (chloromethyl)oxirane)

Hazard classes: 8 Packing group: Ш Hazard label: 8 Limited quantity: 5 kg



Marine transport (IMDG)

UN number or ID number: UN 1759

CORROSIVE SOLID, N.O.S. (1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, **United Nations proper shipping** name:

polymer with (chloromethyl)oxirane)

8 Transport hazard class(es): Ш Packing group: Hazard label: 8



Special Provisions: 223, 274 5 kg Limited quantity: **Excepted quantity:** E1 EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number: UN 1759

United Nations proper shipping CORROSIVE SOLID, N.O.S.(1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-,

name: polymer with (chloromethyl)oxirane)

8 Transport hazard class(es): Ш Packing group:





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Hazard label: 8

8

Special Provisions:

Limited quantity Passenger:

Passenger LQ:

Excepted quantity:

A3 A80

5 kg

Y845

Excepted quantity:

E1

IATA-packing instructions - Passenger: 860
IATA-max. quantity - Passenger: 25 kg
IATA-packing instructions - Cargo: 864
IATA-max. quantity - Cargo: 100 kg

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.

16. Other information

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.



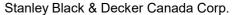
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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)





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1. Identification

Product identifier

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Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

compound mortar B-component (hardener)

Uses advised against

no restriction

Details of the supplier of the safety data sheet

Company name: Stanley Black & Decker Canada Corp.

Street: 6275 Millcreek Drive

Place: Mississauga, ON L5N 7K6, Canada

Telephone: +1 800 524 3244 Telefax:+1 877 871 1965

Emergency telephone number: CHEMTREC USA: +1 800 424 9300 (24/7)

CHEMTREC International: +1 703 527 3887 (24/7)

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015

Acute toxicity: Acute Tox. 4 (oral) Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1 Respiratory or skin sensitization: Skin Sens. 1B

Germ cell mutagenicity: Muta. 2

Specific target organ toxicity - repeated exposure: STOT RE 2

Label elements

WHMIS 2015

Signal word: Danger

Pictograms:







Hazard statements

Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction. Suspected of causing genetic defects.

May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Do not breathe vapours.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

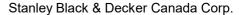
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor.

Store locked up.

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





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Other hazards

No information available.

3. Composition/information on ingredients

Mixtures

Hazardous components

CAS No	Chemical name	Quantity
1950616-36-0	Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine)	20 - 30 %
108-95-2	Phenol	3 -10 %
1477-55-0	m-Phenylenebis(methylamine)	5 - 15 %
90-72-2	2,4,6-Tris(dimethylaminomethyl)phenol	1 - 5 %
100-51-6	Benzyl alcohol	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. Change contaminated, saturated clothing.

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

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

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 cause damage to organs through prolonged or repeated exposure.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

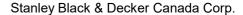
Suitable extinguishing media

Foam

Extinguishing powder

Water spray jet

Carbon dioxide (CO2)





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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.

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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Environmental precautions

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.

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

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.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

Keep/Store only in original container.

Hints on joint storage

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





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Store in a well-ventilated place. Keep cool.

Further information on storage conditions

Keep container tightly closed in a cool place. Protect from sunlight.

storage temperature: 5 - 30 °C

8. Exposure controls/Personal protection

Control parameters

Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m³	F/ml	Category	Origin
1477-55-0	m-Xylene alpha,alpha'-diamine	0.018			Peak	ACGIH-2022
108-95-2	Phenol	5			TWA (8 h)	ACGIH-2022

Biological limit values

CAS No	Chemical name	Parameter	Value	Test material	Sampling time
108-95-2	PHENOL (ACGIH 2022)	Phenol (with hydrolysis, creatinine)	250 mg/g	urine	End of shift

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

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: solid (pasty)
Colour: black
Odour: characteristic
Odour threshold: No data available

Melting point/freezing point: not determined





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Boiling point or initial boiling point and not determined

boiling range:

Flammability: not determined Lower explosive limits: not determined Upper explosive limits: not determined Flash point: not applicable not determined Decomposition temperature: pH-Value: not applicable The study does not need to be conducted Water solubility: 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): 1,87 g/cm³ Relative vapour density: not determined

Other information

Information with regard to physical hazard classes

Self-ignition temperature

not determined Solid: Gas: not applicable

Oxidizing properties Not oxidising.

Other safety characteristics

Evaporation rate: not determined 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

Harmful if swallowed.

ATEmix calculated

ATE (oral) 1351,9 mg/kg; ATE (dermal) 10341,2 mg/kg; ATE (inhalation vapour) 38,45 mg/l; ATE (inhalation dust/mist) 6,067 mg/l



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CAS No	Chemical name						
	Route of exposure	Dose		Species	Source	Method	
108-95-2	Phenol						
	oral	LD50 mg/kg	650	Rat		OECD 401	
	dermal	LD50 mg/kg	630	Rabbit			
	inhalation vapour	ATE	3 mg/l				
	inhalation dust/mist	LC50	0,9 mg/l	8 h Rat			
1477-55-0	m-Phenylenebis(methy	rlamine)					
	oral	LD50 mg/kg	930	Rat			
	dermal	LD50 mg/kg	2000	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(dimethylamin	nomethyl)ph	enol				
	oral	ATE mg/kg	500				
100-51-6	Benzyl alcohol						
	oral	LD50 mg/kg	1230	Rat			
	inhalation vapour	ATE	11 mg/l				
	inhalation dust/mist	ATE	1,5 mg/l				

Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Sensitizing effects

May cause an allergic skin reaction. (Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine); m-Phenylenebis(methylamine))

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of causing genetic defects. (Phenol)

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

Reproductive toxicity: 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.

Information on other hazards

Other information

No information available.

12. Ecological information

Ecotoxicity

The product is not: Ecotoxic.

Persistence and degradability

The product has not been tested.





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Bioaccumulative potential

The product has not been tested.

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

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

UN 3259

Proper shipping name: AMINES, SOLID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine))

Hazard classes:8Packing group:IIHazard label:8Limited quantity:1 kg



Marine transport (IMDG)

UN number or ID number: UN 3259

United Nations proper shipping AMINES, SOLID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine))

name:

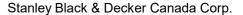
Transport hazard class(es):8Packing group:IIHazard label:8



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





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United Nations proper shipping

AMINES, SOLID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine))

name:

Transport hazard class(es):

Packing group:
Hazard label:

8



Special Provisions:
Limited quantity Passenger:
Passenger LQ:
Excepted quantity:

A3 A80
5 kg
7844
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

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.



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