

in acc	SAFETY DATA Stordance with 29 CFR 1910.1200, WHM		uetralia
Revision date: 22 October			SDS No. 399B-8
SECTION 1. IDENTIFICATION	OF THE SUBSTANCE/MIXTURE AND		OFRTAKING
1.1. Product identifier			
ARC CS4 (Part B)			
	of the substance or mixture and uses	advisod against	
Relevant identified uses:	ARC Polymer Composite. To be mixed	-	provide protection to concrete in
	acid exposure environment. No data available		
Reason why uses advised aga			
1.3. Details of the supplier of the			
Company: A.W. CHESTERTON COMPAN 860 Salem Street Groveland, MA 01834-1507, US Tel. +1 978-469-6446 (Mon Fri. 8:30 - 5:00 PM EST SDS requests: <u>www.chesterton.</u> E-mail (SDS questions): <u>Produc</u> E-mail: <u>customer.service@chest</u>	Suppli Y A ) <u>com</u> tSDSs@chesterton.com	er:	
Canada: A.W. Chesterton Comp Unit 105, Burlington, Ontario L7	L 4X8 – Tel. 905-335-5055		
1.4. Emergency telephone nur			
24 hours per day, 7 days per we Call Infotrac: 1-800-535-5053 Outside N. America: +1 352-32 NSW Poisons Information Centr	3-3500 (collect)		
SECTION 2: HAZARDS IDENT	TIFICATION		
2.1. Classification of the subs	tance or mixture		
2.1.1. Classification according	g to 29 CFR 1910.1200 / WHMIS 2022 /	/ Safe Work Australia / GI	HS
	314 1317 H318		
2.1.2. Additional information			
For full text of H-statements: see	e SECTIONS 2.2 and 16.		
2.2. Label elements			
Labeling according to 29 CFR	1910.1200 / WHMIS 2022 / Safe Work	Australia / GHS	
Hazard pictograms:			
Signal word:	Danger		

Hazard statements:	H302 H314 H317 H361fd H373 H411	Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to the kidneys through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.
Precautionary statements:	P303/361/353 304/340	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/clothing and eye/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 INHALED: Remove person to fresh air and keep comfortable for breathing. 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 or doctor. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage. Dispose of contents/container to an approved waste disposal plant.
Supplemental information:	None	

# 2.3. Other hazards

4-tert-Butylphenol: substance identified as having endocrine disrupting properties. The safety and health hazards are detailed separately for Part A and Part B. The final cured material is considered nonhazardous. Upon machining, refer to the precautions in the safety data sheets for Part A and Part B.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS				
3.2. Mixtures				
Hazardous Ingredients <sup>1</sup>	% Wt.	CAS No.	GHS Classification	
Methyleneoxide, polymer with benzenamine, hydrogenated	25 - 50	135108-88-2	Acute Tox. 4, H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 2, H373 (kidney) Aquatic Chronic 3, H412	
Benzyl alcohol	25 - 50	100-51-6	Acute Tox. 4, H302/332 Eye Irrit. 2, H319	
4-tert-Butylphenol	7 - 10	98-54-4	Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 2, H361f Aquatic Chronic 1, H410 (M-factor = 1)	
m-Phenylenebis(methylamine) (Synonym: m-Xylene-alpha, alpha'-Diamine)	5 - 10	1477-55-0	Acute Tox. 4, H302/332 Skin Corr. 1B, H314 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
2-Hydroxybenzoic Acid	1 - 3	69-72-7	Acute Tox. 4, H302 Eye Dam. 1, H318 Repr. 2, H361d	
For full text of H-statements: see SECTION 16.				

<sup>1</sup> Classified according to: 29 CFR 1910.1200, 1915, 1916, 1917, Mass. Right-to-Know Law (ch. 40, M.G.L..O. 111F), WHMIS 2022, Safe Work Australia, GHS

Date: 22 Octobe	SDS NO. 399B-8		
SECTION 4: FI	RST AID MEASURES		
	n of first aid measures		
Inhalation:	Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.		
Skin contact:	Flood area with water while removing contaminated clothing. Wash clothing before reuse. Consult physician.		
Eye contact:	Flush eyes for at least 30 minutes with large amounts of water. Consult physician.		
Ingestion:	Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.		
	Prevent aspiration of vomit. Turn victim's head to the side.		
Protection of fir	<b>rst-aiders:</b> No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. See section 8.2.2 for recommendations on personal protective equipment.		
4.2. Most impor	rtant symptoms and effects, both acute and delayed		
	ill cause burns to skin, eyes and mucous membranes. May cause skin sensitization as evidenced by rashes or d, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.		
4.3. Indication of	of any immediate medical attention and special treatment needed		
Treat symptoms.			
SECTION 5: FI	RE-FIGHTING MEASURES		
5.1. Extinguishi	ng media		
Suitable exting	uishing media: Carbon dioxide, dry chemical, dry sand, limestone powder, alcohol-resistant foam or water fog		
Unsuitable extin	nguishing media: No data available		
5.2. Special haz	zards arising from the substance or mixture		
Hazardous com	<b>ibustion products:</b> May generate: ammonia gas, toxic nitrogen oxide gases. Incomplete combustion may form carbon monoxide.		
Other hazards:	No data available		
5.3. Advice for f	firefighters		
Cool exposed co apparatus.	ontainers with water. Use personal protective equipment. Recommend Firefighters wear self-contained breathing		
Australian HAZ	CHEM Emergency Action Code: 2 Y		
SECTION 6: AC	CCIDENTAL RELEASE MEASURES		
6.1. Personal pr	recautions, protective equipment and emergency procedures		
Evacuate area. F	Provide adequate ventilation. Utilize exposure controls and personal protection as specified in Section 8.		
6.2. Environme	ntal Precautions		
Keep out of sewe	ers, streams and waterways.		
6.3. Methods an	nd material for containment and cleaning up		
Scoop up and tra	ansfer to a suitable container for disposal.		
6.4. Reference t	6.4. Reference to other sections		
Refer to section	13 for disposal advice.		
SECTION 7: HA	ANDLING AND STORAGE		
7.1. Precautions	s for safe handling		
contaminated clo and should be di cancer-causing r	contact. Do not breathe spray. Utilize exposure controls and personal protection as specified in Section 8. Remove othing immediately. Wash clothing before reuse. Contaminated leather including shoes cannot be decontaminated iscarded. Do not contaminate with sodium nitrite or other nitrosating agents, which could cause the formation of nitrosamine. Do not eat, drink or smoke when using this product.		
7.2. Conditions	for safe storage, including any incompatibilities		
1			

Store in a cool, dry and well-ventilated area. Keep container tightly closed. Do not store near acids. Keep away from alkalis.

# 7.3. Specific end use(s)

No special precautions.

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#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1. Control parameters

# Occupational exposure limit values

Ingredients			ACGIH TLV <sup>2</sup>		AUSTRALIA ES <sup>3</sup>	
	ppm	mg/m³	ppm	mg/m³	ppm	mg/m³
Methyleneoxide, polymer with benzenamine, hydrogenated	N/A	N/A	N/A	N/A	N/A	N/A
Benzyl alcohol	N/A	N/A	N/A	N/A	N/A	N/A
4-tert-Butylphenol	N/A	N/A	N/A	N/A	N/A	N/A
m-Phenylenebis(methylamine)	(Ceiling)	0.1	0.018 (Ceiling)	(skin)	(Peak)	0.1
2-Hydroxybenzoic Acid	N/A	N/A	N/A	N/A	N/A	N/A

<sup>1</sup> United States Occupational Health & Safety Administration permissible exposure limits

- <sup>2</sup> American Conference of Governmental Industrial Hygienists threshold limit values
- <sup>3</sup> Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants

#### **Biological limit values**

No biological exposure limits noted for the ingredient(s).

# 8.2. Exposure controls

# 8.2.1. Engineering measures

Provide sufficient ventilation to keep the concentrations below the exposure limits. If necessary, provide local exhaust. Provide readily accessible eye wash stations and safety showers.

#### 8.2.2. Individual protection measures

Respiratory protection:	In case of insufficient ventilation, utilize an approved organic vapor respirator (e.g., EN filter type A- P2). During spraying, wear suitable respiratory equipment.
Protective gloves:	Chemical resistant gloves (e.g., butyl rubber or neoprene)
Eye and face protection:	Full face shield with goggles underneath.
Other:	Impervious clothing as necessary to prevent skin contact.

# 8.2.3. Environmental exposure controls

Refer to sections 6 and 12.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1. Information on basic physical and chemical properties

Physical state	viscous liquid	рН	not applicable
Colour	colorless	Kinematic viscosity	495 cps @25°C
Odour	amine odor	Solubility in water	insoluble
Odour threshold	not determined	Partition coefficient n-octanol/water (log value)	no data available
Boiling point or range	219°C (426°F)	Vapour pressure @ 20°C	1.59 mm Hg
Melting point/freezing point	not determined	Density and/or relative density	1.05 kg/l
% Volatile (by volume)	0	Weight per volume	8.74 lbs/gal.
Flammability	no data available	Vapour density (air=1)	> 1
Lower/upper flammability or explosion limits	not determined	Rate of evaporation (ether=1)	< 1
Flash point	109°C (228°F)	% Aromatics by weight	0
Method	Closed Cup	Particle characteristics	not applicable
Autoignition temperature	not determined	Explosive properties	not determined
Decomposition temperature	not determined	Oxidising properties	not determined
9.2. Other information			

None

#### SECTION 10: STABILITY AND REACTIVITY

## 10.1. Reactivity

Refer to sections 10.3 and 10.5.

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#### 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

No dangerous reactions known under conditions of normal use.

#### 10.4. Conditions to avoid

Open flames and high temperatures.

# 10.5. Incompatible materials

Strong reducers, alkali and strong oxidizers like liquid Chlorine and concentrated Oxygen. Reactive metals (e.g. sodium, calcium, zinc, etc.) Materials reactive with hydroxyl compounds. Mineral and organic acids. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.

#### 10.6. Hazardous decomposition products

Nitric acid, NOx, Ammonia, Carbon Monoxide, Carbon Dioxide, aldehydes, flammable hydrocarbon fragments and other toxic fumes. Nitrogen oxide can react with water vapors to form corrosive nitric acid.

SECTION 11: TOXICOLOGIC	AL INFORMATION		
11.1. Information on toxicolo			
Primary route of exposure under normal use: Acute toxicity -	Inhalation, skin and eye contact. Perso aggravated by exposure.	onnel with pre-existing skin	or lung allergies may be
Oral:	Harmful if swallowed. If ingested, severe burns of the mouth and throat, as well as a dang perforation of the oesophagus and the stomach. ATE-mix: 518.46 mg/l.		
	Substance	Test	Result
	Methyleneoxide, polymer with benzenamine, hydrogenated	LD50, rat	> 50 - 300 mg/kg
	Benzyl alcohol	LD50, rat	1,230 mg/kg
	4-tert-Butylphenol	LD50, rat	> 2,000 mg/kg
	m-Phenylenebis(methylamine)	LD50, rat	930 mg/kg
	2-Hydroxybenzoic Acid	LD50, rat	891 mg/kg
Dermal:	May be harmful in contact with skin. A	TE-mix: 4246.28 mg/l.	
	Substance	Test	Result
	Methyleneoxide, polymer with benzenamine, hydrogenated	LD50, rabbit	2,673 mg/kg
	Benzyl alcohol	LD50, rabbit	> 2,000 mg/kg
	4-tert-Butylphenol	LD50, rabbit	2,318 mg/kg / > 16,000 mg/kg
	m-Phenylenebis(methylamine)	LD50, rabbit	> 3,100 mg/kg
	2-Hydroxybenzoic Acid	LD50, rabbit	> 2,000 mg/kg
Inhalation:	Mist can cause severe eye, skin and r mg/l (vapour).	espiratory tract burns. ATE	-mix: 18.87 mg/l (mist); 154.93
	Substance	Test	Result
	Benzyl alcohol	LC50, rat	> 4.178 mg/l (mist) ≈ 8.8 mg/l (vapour)
	m-Phenylenebis(methylamine)	LD50, rat	1.34 mg/kg (mist)
Skin corrosion/irritation:	Causes skin burns.		
	Substance	Test	Result
	Product	In vitro test	Corrosive
Serious eye damage/ irritation:	Causes serious eye damage.	L	i
Respiratory or skin sensitisation:	May cause skin sensitization in susce	otible individuals.	
Germ cell mutagenicity:	Methyleneoxide, polymer with benzen gene mutation test (OECD 476) chrom Butylphenol: OECD 471, Micronucleus	osomal aberration (OECD	473): negative. 4-tert-

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Product: ARC CS4 (Part B)

Carcinogenicity:	This product contains no carcinogens as listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), the Occupational Safety and Health Administration (OSHA) or the European Chemicals Agency (ECHA).
Reproductive toxicity:	Suspected of damaging fertility. Suspected of damaging the unborn child.
STOT – single exposure:	Data lacking.
STOT – repeated exposure:	Animal studies have reported liver and kidney effects. 28-day oral subchronic study, mixed polycycloaliphatic amines, NOAEL: 15 mg/kg/day.
Aspiration hazard:	Not classified as an aspiration toxicant.
Other information:	None known

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

## 12.1. Toxicity

Toxic to aquatic life with long lasting effects. Methyleneoxide, polymer with benzenamine, hydrogenated: 72 h EC50 (for algae) 43.94 mg/l. 4-tert-Butylphenol: 72 h EC50 (for algae) 14 mg/l; NOEC 0.32 mg/l (OECD 201). m-Phenylenebis(methylamine): 72 h EC50 (for algae) 33.3 mg/l (OECD 201).

# 12.2. Persistence and degradability

Unreacted components (Parts A and B), improperly released to the environment, can cause ground and water pollution. Benzyl alcohol, 2-Hydroxybenzoic Acid: readily biodegradable.

# 12.3. Bioaccumulative potential

Benzyl alcohol, 2-Hydroxybenzoic Acid: low potential for bioaccumulation. Methyleneoxide, polymer with benzenamine, hydrogenated: does not bioaccumulate.

## 12.4. Mobility in soil

Viscous liquid. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).

# 12.5. Endocrine disrupting properties

4-tert-Butylphenol: substance identified as having endocrine disrupting properties.

## 12.6. Other adverse effects

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None known

## SECTION 13: DISPOSAL CONSIDERATIONS

# 13.1. Waste treatment methods

Unreacted components are a special waste. Combine resin and curative. The final cured material is considered nonhazardous. Landfill sealed containers with a properly licensed facility. Check local, state and national/federal regulations and comply with the most stringent requirement.

SECTION 14: TRANSPORT INFORMATION			
14.1. UN number or ID number			
ADG/ADR/RID/ADN/IMDG/ICAO:	UN2735		
TDG:	UN2735		
US DOT:	UN2735		
14.2. UN proper shipping name			
ADG/ADR/RID/ADN/IMDG/ICAO:	AMINES, LIQUID, CORROSIVE, N.O.S. (BENZENE-1,3-DIMETHANEAMINE (MXDA) / CYCLOALIPHATIC AMINE)		
TDG:	AMINES, LIQUID, CORROSIVE, N.O.S. (BENZENE-1,3-DIMETHANEAMINE (MXDA) / CYCLOALIPHATIC AMINE)		
US DOT:	AMINES, LIQUID, CORROSIVE, N.O.S. (BENZENE-1,3-DIMETHANEAMINE (MXDA) / CYCLOALIPHATIC AMINE)		
14.3. Transport hazard class(es)			
ADG/ADR/RID/ADN/IMDG/ICAO:	8		
TDG:	8		
US DOT:	8		
14.4. Packing group			
ADG/ADR/RID/ADN/IMDG/ICAO:	III		
TDG:	III		
US DOT:	III		

14.5. Environmen MARINE POL	
MARINE POL	
14.6. Special prec	
	. PRECAUTIONS FOR USERS nsport in bulk according to IMO instruments
NOT APPLIC	•
14.8. Other inform	nation
US DOT: ER	G NO. 153
	PPED AS LIMITED QUANTITIES IN PACKAGING HAVING A RATED CAPACITY GROSS WEIGHT OF 66 LB. OR LESS
	ND IN INNER PACKAGES 5 KG (49 CFR 173.154 (B,2)
	F-A, S-B, IMDG SEGREGATION GROUP 18-ALKALIS
	SIFICATION CODE C8, TUNNEL RESTRICTION CODE (E)
ADG HAZCH	IEM CODE: 2X HIN: 88/80
	GULATORY INFORMATION
15.1. Safety, healt	th and environmental regulations/legislation specific for the substance or mixture
15.1.1. National re	gulations
US EPA SARA TIT	
312 Hazards:	Chemicals subject to reporting requirements of Section 313 of
	EPCRA and of 40 CFR 372:
Acute toxicity	None
Skin corrosion Skin sensitization	
Serious eye dama	ae
Reproductive toxic	
Specific target org	an toxicity – repeated exposure
TSCA: All chemica	I components are listed in the TSCA inventory.
Other national reg	gulations: None
	HER INFORMATION
Abbreviations	ADG: Australian Dangerous Goods Code
and acronyms:	ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
-	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
	ATE: Acute Toxicity Estimate
	BCF: Bioconcentration Factor cATpE: Converted Acute Toxicity point Estimate
	ES: Exposure Standard
	GHS: Globally Harmonized System
	ICAO: International Civil Aviation Organization
	IMDG: International Maritime Dangerous Goods
	LC50: Lethal Concentration to 50 % of a test population LD50: Lethal Dose to 50% of a test population
	LOEL: Lowest Observed Effect Level
	N/A: Not Applicable
	N/A: Not Applicable NA: Not Available
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail SDS: Safety Data Sheet
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail SDS: Safety Data Sheet STEL: Short Term Exposure Limit
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail SDS: Safety Data Sheet STEL: Short Term Exposure Limit STOT RE: Specific Target Organ Toxicity, Repeated Exposure
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail SDS: Safety Data Sheet STEL: Short Term Exposure Limit
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail SDS: Safety Data Sheet STEL: Short Term Exposure Limit STOT RE: Specific Target Organ Toxicity, Repeated Exposure STOT SE: Specific Target Organ Toxicity, Single Exposure TDG: Transportation of Dangerous Goods (Canada) TWA: Time Weighted Average
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail SDS: Safety Data Sheet STEL: Short Term Exposure Limit STOT RE: Specific Target Organ Toxicity, Repeated Exposure STOT SE: Specific Target Organ Toxicity, Single Exposure TDG: Transportation of Dangerous Goods (Canada) TWA: Time Weighted Average US DOT: United States Department of Transportation
	N/A: Not Applicable NA: Not Available NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level OECD: Organization for Economic Co-operation and Development (Q)SAR: Quantitative Structure-Activity Relationship REL: Recommended Exposure Limit RID: Regulations concerning the International Carriage of Dangerous Goods by Rail SDS: Safety Data Sheet STEL: Short Term Exposure Limit STOT RE: Specific Target Organ Toxicity, Repeated Exposure STOT SE: Specific Target Organ Toxicity, Single Exposure TDG: Transportation of Dangerous Goods (Canada) TWA: Time Weighted Average

Key literature references and sources for data:       Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST)         Chemical Classification and Information Database (CCID)       European Chemicals Agency (ECHA) - Information on Chemicals         Hazardous Chemical Information System (HCIS)       National Institute of Technology and Evaluation (NITE)         U.S. National Library of Medicine Toxicology Data Network (TOXNET)         Procedure used to derive the classification for mixtures according to GHS:		
Classification	Classification procedure	
Acute Tox. 4, H302	Calculation method	
Skin Corr. 1B, H314	Calculation method	
Skin Sens. 1, H317	Calculation method	
Eye Dam, H318	Calculation method	
Repr. 2, H361fd	Calculation method	
STOT RE 2, H373	Calculation method	
Aquatic Chronic 2, H411	Calculation method	
Relevant H-statements:H301: Toxic if swallowed. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. 		
Hazard pictogram names:	Corrosion, health hazard, exclamation mark, environment	
Further information: N	one	
Date of last revision: 22	2 October 2024	
Changes to the SDS in this	revision: Sections 2.1, 2.3, 12.5, 14.5, 16.	
	on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied oduct for the user's particular purpose. The user must make their own determination as to suitability.	