

SAFETY DATA SHEET in accordance with 1907/2006/EC (REACH, as amended by 2015/830/EU) 29 CFR 1910.1200 and WHMIS 2015							
Revision date:24 September 2020Initial date of issue:3 July 2007SDS No.267A-20b							
SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING							
<b>1.1. Product identifier</b> 276 Electronic Component Cleaner (Aerosol)							
1.2. Relevant identified uses of the substance or mixture and uses advised against							
Petroleum base cleaner.							
1.3. Details of the supplier of the safety data sheet							
Company:Supplier:A.W. CHESTERTON COMPANY860 Salem StreetGroveland, MA 01834-1507, USATel. +1 978-469-6446Fax: +1 978-469-6785(Mon Fri. 8:30 - 5:00 PM EST)SDS requests: www.chesterton.comE-mail (SDS questions): ProductMSDSs@chesterton.comE-mail: customer.service@chesterton.com							
Canada: A.W. Chesterton Company Ltd., 889 Fraser Drive, Unit 105, Burlington, Ontario L7L 4X8 - Tel. 905-335-5055 EU: Chesterton International GmbH, Am Lenzenfleck 23, D85737 Ismaning, Germany – Tel. +49-89-996-5460							
1.4. Emergency telephone number							
24 hours per day, 7 days per week Call Infotrac: 1-800-535-5053 Outside N. America: +1 352-323-3500 (collect)							
SECTION 2: HAZARDS IDENTIFICATION							
2.1. Classification of the substance or mixture							
2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]							
Aerosol 1, H222, H229 Asp. Tox. 1, H304* Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411							
2.1.2. Classification according to 29 CFR 1910.1200 / WHMIS 2015							
Flam. Aerosol 1, H222 Press. Gas (Comp.), H280 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411							
2.1.3. Australian statement of hazardous nature							
Hazardous according to criteria of Safe Work Australia.							
2.1.4. Additional information							
For full text of H-statements: see SECTIONS 2.2 and 16. *Labelling not required for aerosols containing substances or mixtures classified as presenting an aspiration hazard, under Article 23 of the CLP.							

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2.2. Label elements			
2.2.1. Labelling according to	c Regulation (	(EC) No 1272/2008 [CLP]	
Hazard pictograms:		$\land$	
	<*>><		
		$\checkmark$ $\checkmark$	
Signal word:	Danger		
Hazard statements:	H222	Extremely flammable aerosol.	
	H229	Pressurized container: May burst if heated.	
	H315	Causes skin irritation.	
	H336	May cause drowsiness or dizziness.	
	H411	Toxic to aquatic life with long lasting effects.	
Precautionary statements:	P210	Keep away from heat, hot surfaces, sparks, open flame No smoking.	-
	P211	Do not spray on an open flame or other ignition source.	
	P251	Do not pierce or burn, even after use.	
	P260 P262	Do not breathe vapours/spray. Do not get in eyes, on skin, or on clothing.	
	P262 P264	Wash skin thoroughly after handling.	
	P273	Avoid release to the environment.	
	P280	Wear protective gloves.	
	P312	Call a POISON CENTER or doctor/physician if you feel	
	P410/412	Protect from sunlight. Do not expose to temperatures e	xceeding 50 °C.
Supplemental information:	None		
2.2.2. Labelling according to	29 CFR 1910	0.1200 / WHMIS 2015	
Hazard pictograms:			
Signal word:	Danger		
Hazard statements:	H222	Extremely flammable aerosol.	
	H304	May be fatal if swallowed and enters airways.	
	H280 H315	Contains gas under pressure; may explode if heated. Causes skin irritation.	
	H336	May cause drowsiness or dizziness.	
	H411	Toxic to aquatic life with long lasting effects.	
Precautionary statements:	P210	Keep away from heat, hot surfaces, sparks, open flame	s and other ignition sources
	P211	No smoking. Do not spray on an open flame or other ignition source.	
	P251	Do not pierce or burn, even after use.	
	P260	Do not breathe vapours/spray.	
	P264	Wash skin thoroughly after handling.	
	P271	Use only outdoors or in a well-ventilated area.	
	P273	Avoid release to the environment.	
	P280 P301/310	Wear protective gloves. IF SWALLOWED: Immediately call a POISON CENTER	or doctor/nhysician
	P331	Do NOT induce vomiting.	t of doctor/priysician.
	P302/352	IF ON SKIN: Wash with plenty of soap and water.	
	P304/340	IF INHALED: Remove person to fresh air and keep con	
	P312	Call a POISON CENTER or doctor/physician if you feel	
	P362/364	Take off contaminated clothing and wash it before reus	е.
	P403 P410/412	Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures e	vcooding 50 °C
	P410/412 P501	Dispose of contents/container to an approved waste dis	
Supplemental information:	None		
2.3. Other hazards			
None known			

None known

Date: 24 September 2020

	OMPOSITION/INFORM	ATION ON IN	GREDIENTS					
3.2. Mixtures								
Hazardous Ingr	edients <sup>1</sup>	% Wt.	CAS No./ EC No.	REACH Reg. No.	CLP/GHS Classification			
Naphtha (petrole	eum), light alkylate*	85-95	64741-66-8 265-068-8	01-211947 1305-42	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411 Flam. Liq. 2, H225 Eye Irrit. 2, H319			
Isopropanol		5-9	67-63-0 200-661-7	01-211945 7558-25				
Carbon dioxide		1-5	124-38-9 204-696-9	NA	STOT SE 3, H336 Press. Gas (Comp.), H280			
*Contains less th	statements: see SECT nan 0.1 % w/w Benzene ing to: * 29 CFR 1910.12 * 1272/2008/EC, F * WHMIS 2015 * Safe Work Austr	e. Alternative C 00, 1915, 1916, REACH	1917, Mass. Right-t		M.G.LO. 111F), California Proposition 65			
SECTION 4: FI	RST AID MEASURES							
4.1. Descriptior	n of first aid measures							
Inhalation:	Remove to fresh air. If not breathing, administer artificial respiration. Contact physician immediately.							
Skin contact:	Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. Contact physician if irritation persists.							
Eye contact:	Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.							
ngestion: Do not induce vomiting. Contact physician immediately.								
4.2. Most impor	tant symptoms and ef	ffects, both ad	cute and delayed					
Causes skin irritation. Direct eye contact may result in eye irritation. Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anaesthetic and may have other central nervous system effects. Aspiration into the lungs may cause chemical pneumonitis or pulmonary oedema.								
4.3. Indication of	of any immediate med	ical attention	and special treat	ment needed				
<b>4.3. Indication of any immediate medical attention and special treatment needed</b> Treat symptoms.								
SECTION 5: FIREFIGHTING MEASURES								
· ·	ng media							
SECTION 5: FI	Suitable extinguishing media: Carbon dioxide, dry chemical, foam or water spray							
SECTION 5: FI	disting meula. Call		Unsuitable extinguishing media: High volume water jet					
SECTION 5: FI 5.1. Extinguishi Suitable exting	-	-						
SECTION 5: FI 5.1. Extinguish Suitable exting Unsuitable exti	-	gh volume wat	er jet					
SECTION 5: FI 5.1. Extinguishi Suitable exting Unsuitable exti 5.2. Special haz	nguishing media: Hi	gh volume wat substance or	er jet <b>mixture</b>					
SECTION 5: FII 5.1. Extinguishi Suitable exting Unsuitable exti 5.2. Special haz Pressurized con	nguishing media: Hi ards arising from the tainers, when heated, a	gh volume wat substance or	er jet <b>mixture</b>					
SECTION 5: FI 5.1. Extinguishi Suitable exting Unsuitable exti 5.2. Special haz Pressurized con 5.3. Advice for	nguishing media: Hi ards arising from the tainers, when heated, a	gh volume wat <b>substance or</b> re a potential e	er jet <b>mixture</b> explosive hazard.	contained breathir	ng apparatus.			
SECTION 5: FII 5.1. Extinguishi Suitable exting Unsuitable extin 5.2. Special haz Pressurized con 5.3. Advice for Cool exposed co	nguishing media: Hi cards arising from the tainers, when heated, a firefighters	gh volume wat <b>substance or</b> re a potential e commend Fire	er jet <b>mixture</b> explosive hazard. fighters wear self-					
SECTION 5: FII 5.1. Extinguishi Suitable exting Unsuitable extii 5.2. Special haz Pressurized con 5.3. Advice for Cool exposed co Flammability C	nguishing media: Hi ards arising from the tainers, when heated, a firefighters ontainers with water. Re	gh volume wat <b>substance or</b> re a potential e commend Fire Storage Level	er jet <b>mixture</b> explosive hazard. fighters wear self-					
SECTION 5: FII 5.1. Extinguishi Suitable exting Unsuitable exting 5.2. Special haz Pressurized con 5.3. Advice for Cool exposed co Flammability C HAZCHEM Eme	nguishing media: Hi zards arising from the tainers, when heated, a firefighters ontainers with water. Re lassification: NFPA	gh volume wat substance or re a potential e commend Fire Storage Level 2 <b>Y</b>	er jet <b>mixture</b> explosive hazard. fighters wear self-					
SECTION 5: FII 5.1. Extinguishi Suitable exting Unsuitable exting 5.2. Special haz Pressurized con 5.3. Advice for Cool exposed co Flammability C HAZCHEM Eme SECTION 6: AC	nguishing media: Hi ards arising from the tainers, when heated, a firefighters ontainers with water. Re lassification: NFPA ergency Action Code:	gh volume wat substance or re a potential e commend Fire Storage Level 2 Y MEASURES	er jet <b>mixture</b> explosive hazard. fighters wear self- III; 16 CFR 1500.3	B Extremely flamm				
SECTION 5: FII 5.1. Extinguishi Suitable exting Unsuitable exting 5.2. Special haz Pressurized con 5.3. Advice for Cool exposed co Flammability C HAZCHEM Eme SECTION 6: AC 6.1. Personal p	nguishing media: Hi ards arising from the tainers, when heated, a firefighters ontainers with water. Re lassification: NFPA ergency Action Code: CCIDENTAL RELEASE recautions, protective	gh volume wat substance or re a potential e commend Fire Storage Level 2 Y MEASURES equipment ar	rer jet <b>mixture</b> explosive hazard. fighters wear self- III; 16 CFR 1500.3	B Extremely flamm				
SECTION 5: FII 5.1. Extinguishi Suitable exting Unsuitable exting 5.2. Special haz Pressurized con 5.3. Advice for Cool exposed co Flammability C HAZCHEM Eme SECTION 6: AC 6.1. Personal pr Evacuate area. F	nguishing media: Hi ards arising from the tainers, when heated, a firefighters ontainers with water. Re lassification: NFPA ergency Action Code: CCIDENTAL RELEASE recautions, protective	gh volume wat substance or re a potential e commend Fire Storage Level 2 Y MEASURES equipment ar	rer jet <b>mixture</b> explosive hazard. fighters wear self- III; 16 CFR 1500.3	B Extremely flamm	able aerosol			

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#### 6.3. Methods and material for containment and cleaning up

Contain spill to a small area. Keep away from sources of ignition - No smoking. If removal of ignition sources is not possible, then flush material away with water. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

#### 6.4. Reference to other sections

Refer to section 13 for disposal advice.

#### SECTION 7: HANDLING AND STORAGE

# 7.1. Precautions for safe handling

Shake well before using. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No Smoking. After handling, wash before eating, drinking or smoking. Vapors are heavier than air and will collect in low areas. Vapor accumulations could flash and/or explode if ignited.

#### 7.2. Conditions for safe storage, including any incompatibilities

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Do not pierce or burn, even after use. Store in a well-ventilated place.

#### 7.3. Specific end use(s)

No special precautions.

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

# 8.1. Control parameters

#### Occupational exposure limit values

······································								
Ingredients	OSH/ ppm	A PEL <sup>1</sup> mg/m <sup>3</sup>	ACGII ppm	H TLV <sup>2</sup> mg/m <sup>3</sup>	UK \ ppm	NEL <sup>3</sup> mg/m <sup>3</sup>	AUSTR/ ppm	ALIA ES⁴ mg/m³
	pp		ppm		ppm		ppm	
Naphtha (petroleum), light alkylate*	-	-	300*	1400*	-	-	-	-
Isopropanol	400	980	200 STEL: 400	-	400 STEL: 500	999 STEL: 1250	400 STEL: 500	983 1230
Carbon dioxide	5000	9000	5000 STEL: 30000	9000 54000	5000 STEL: 15000	9150 STEL: 27400	5000 STEL: 30000	9000 54000
			30000	54000	13000	21400	30000	54000

\*Based on the procedure described in appendix H, "Reciprocal calculation method for Certain Refined Hydrocarbon Solvent Vapor Mixtures" of the ACGIH TLVs® and BEIs®.

<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> EH40 Workplace exposure limits, Health & Safety Executive

<sup>4</sup> Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

# 8.2. Exposure controls

#### 8.2.1. Engineering measures

Use only in well-ventilated areas. If exposure limits are exceeded, provide adequate explosion-proof ventilation.

## 8.2.2. Individual protection measures

Respiratory protection	: Not normally needed. If exposure limits are exceeded, use approved organic vapor respirator (e.g., EN filter type A-P2).
Protective gloves:	Chemical resistant gloves (e.g. neoprene, nitrile).
Eye and face protectio	n: Safety goggles.
Other:	Impervious clothing as necessary to prevent skin contact.
8.2.3. Environmental e	xposure controls
Refer to sections 6 and	12

	D CHEMICAL PROPERTIES		
9.1. Information on basic ph	ysical and chemical properties		
Physical state	liquid	Odour	mild odor
Colour	clear	Odour threshold	not determined
Initial boiling point	98°C (208°F)	Vapour pressure @ 20°C	approx. 60 mm Hg
Melting point	not determined	% Aromatics by weight	< 0.01%
% Volatile (by volume) Flash point	100% -6.1°C (21°F)	pH Relative density	not applicable 0.7 kg/l
Method	Closed Cup	Weight per volume	5.8 lbs/gal.
Viscosity	1 cst @ 25°C	Coefficient (water/oil)	< 1
Autoignition temperature	approx. 382°C (approx. 720°F)	Vapour density (air=1)	> 1
Decomposition temperature Upper/lower flammability or		Rate of evaporation (ether=1) Solubility in water	< 1 slightly soluble
explosive limits Flammability (solid, gas) Explosive properties	not applicable not determined	Oxidising properties	not determined
9.2. Other information			
None			
SECTION 10: STABILITY AN	ID REACTIVITY		
10.1. Reactivity	_		
Refer to sections 10.3 and 10.	5.		
10.2. Chemical stability			
Stable			
10.3. Possibility of hazardou	is reactions		
-	n under conditions of normal use.		
10.4. Conditions to avoid			
Open flames, heat, sparks and			
10.5. Incompatible materials	<i>,</i>		
Strong oxidizers like liquid Ch	orine and concentrated Oxygen,	reactive metals	
Salary online inte inquiti Chi			
	tion products		
	•		
<b>10.6. Hazardous decomposit</b> Carbon Monoxide, aldehydes <b>SECTION 11: TOXICOLOGI</b>	and other toxic fumes.		
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10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo	and other toxic fumes.	. Personnel with pre-existing derma	titis are generally aggravated by
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use:	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact	. Personnel with pre-existing derma	titis are generally aggravated by
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use:	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact exposure.	. Personnel with pre-existing derma	
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity -	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance	ponents, the classification criteria a	re not met.
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity -	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alky	ponents, the classification criteria a Test late LD50, rat	re not met. Result > 10000 mg/kg
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity -	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alky Isopropanol	ponents, the classification criteria a Test late LD50, rat LD50, rat	re not met. Result > 10000 mg/kg 5840 mg/kg
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity - Oral:	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alkyl Isopropanol Isopropanol	ponents, the classification criteria a Test late LD50, rat LD50, rat Human lethal dose	re not met. Result > 10000 mg/kg 5840 mg/kg 3570 mg/kg
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity -	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alkyl Isopropanol Isopropanol	ponents, the classification criteria a Test late LD50, rat LD50, rat	re not met. Result > 10000 mg/kg 5840 mg/kg 3570 mg/kg
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity - Oral:	and other toxic fumes. CAL INFORMATION Digical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alkyl Isopropanol Isopropanol Based on available data on comp Substance	ponents, the classification criteria a Test LD50, rat LD50, rat Human lethal dose ponents, the classification criteria a Test	re not met.          Result         > 10000 mg/kg         5840 mg/kg         3570 mg/kg         re not met.         Result
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity - Oral:	and other toxic fumes. CAL INFORMATION ogical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alkyl Isopropanol Isopropanol Based on available data on comp Substance Naphtha (petroleum), light alkyl	ponents, the classification criteria a Test LD50, rat LD50, rat Human lethal dose ponents, the classification criteria a Test late LD50, rabbit	re not met. Result > 10000 mg/kg 5840 mg/kg 3570 mg/kg re not met. Result > 3160 mg/kg
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity - Oral:	and other toxic fumes. CAL INFORMATION Digical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alkyl Isopropanol Isopropanol Based on available data on comp Substance	ponents, the classification criteria a Test LD50, rat LD50, rat Human lethal dose ponents, the classification criteria a Test	re not met.          Result         > 10000 mg/kg         5840 mg/kg         3570 mg/kg         re not met.         Result
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity - Oral:	and other toxic fumes.  CAL INFORMATION  Digical effects  Inhalation, skin and eye contact exposure.  Based on available data on comp  Substance Naphtha (petroleum), light alkyl Isopropanol Based on available data on comp  Substance Naphtha (petroleum), light alkyl Isopropanol Vapor concentrations above recomp	ponents, the classification criteria a Test LD50, rat LD50, rat Human lethal dose ponents, the classification criteria a Test late LD50, rabbit	re not met. Result $> 10000 \text{ mg/kg}$ $5840 \text{ mg/kg}$ $3570 \text{ mg/kg}$ re not met. Result $> 3160 \text{ mg/kg}$ $13900 \text{ mg/kg}$ ating to the eyes and the
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity - Oral: Dermal:	and other toxic fumes.  CAL INFORMATION  Digical effects  Inhalation, skin and eye contact exposure.  Based on available data on comp  Substance Naphtha (petroleum), light alkyl Isopropanol Based on available data on comp  Substance Naphtha (petroleum), light alkyl Isopropanol Vapor concentrations above recorrespiratory tract, may cause head nervous system effects.	ponents, the classification criteria a Test late LD50, rat LD50, rat Human lethal dose ponents, the classification criteria a Test late LD50, rabbit LD50, rabbit bommended exposure levels are irrited daches and dizziness, are anaesthe	re not met.          Result         > 10000 mg/kg         5840 mg/kg         3570 mg/kg         re not met.         Result         > 3160 mg/kg         13900 mg/kg         ating to the eyes and the etic and may have other central
10.6. Hazardous decomposit Carbon Monoxide, aldehydes SECTION 11: TOXICOLOGIC 11.1. Information on toxicolo Primary route of exposure under normal use: Acute toxicity - Oral: Dermal:	and other toxic fumes. CAL INFORMATION Digical effects Inhalation, skin and eye contact exposure. Based on available data on comp Substance Naphtha (petroleum), light alkyl Isopropanol Based on available data on comp Substance Naphtha (petroleum), light alkyl Isopropanol Vapor concentrations above recorrespiratory tract, may cause head	ponents, the classification criteria a Test LD50, rat LD50, rat Human lethal dose ponents, the classification criteria a Test LD50, rabbit LD50, rabbit LD50, rabbit commended exposure levels are irritedaches and dizziness, are anaesthe Test	re not met. Result $> 10000 \text{ mg/kg}$ $5840 \text{ mg/kg}$ $3570 \text{ mg/kg}$ re not met. Result $> 3160 \text{ mg/kg}$ $13900 \text{ mg/kg}$ ating to the eyes and the

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Skin corrosion/irritation:	Causes skin irritation.				
	Substance	Test	Result		
	Naphtha (petroleum), light alkylate	Skin irritation, rabbit	Moderately irritating (read-across)		
	Isopropanol	Skin irritation, rabbit	Not irritating (0)		
Serious eye damage/ irritation:	Direct eye contact may result in eye irrita	ation.			
	Substance	Test	Result		
	Naphtha (petroleum), light alkylate	Eye irritation, rabbit	Mild irritation (read- across)		
	Isopropanol	Eye irritation, rabbit	Moderately irritating		
Respiratory or skin					
sensitisation:	Substance	Test	Result		
	Naphtha (petroleum), light alkylate	Skin sensitization, guinea pig (OECD 406)	Not sensitizing		
	Isopropanol	Skin sensitization, guinea pig (OECD 406)	Not sensitizing		
Germ cell mutagenicity:	Isopropanol: based on available data, the classification criteria are not met. Naphtha (petroleum), light alkylate: expected to be non-mutagenic based on data from similar materials.				
Carcinogenicity:	As per 29 CFR 1910.1200 (Hazard Communication), 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 Regulation (EC) No 1272/2008.				
Reproductive toxicity:	Isopropanol: based on available data, the classification criteria are not met. Naphtha (petroleum) light alkylate: not expected to cause toxicity, based on data from similar materials.				
STOT-single exposure:	May cause drowsiness or dizziness.				
STOT-repeated exposure:	Isopropanol: based on available data, the classification criteria are not met. Naphtha (petroleum), light alkylate: not expected to cause toxicity, based on data from similar materials.				
Aspiration hazard:	Aspiration into the lungs may cause cher	nical pneumonitis or pulmonar	y oedema.		
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

Date: 24 September 2020

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Naphtha (petroleum), light alkylate: chronic NOEC, Daphnia magna = 0.17 mg/l (read-across).

## **12.2.** Persistence and degradability

Naphtha (petroleum), light alkylate: expected to degrade rapidly in air; expected to be inherently biodegradable. This substance is expected to be removed in a wastewater treatment facility. Isopropanol: readily biodegradable.

## 12.3. Bioaccumulative potential

Isopropanol: low potential for bioaccumulation.

#### 12.4. Mobility in soil

Liquid. Slightly soluble in water. The hazardous ingredients will rapidly evaporate to the air if released into the environment. Isopropanol: expected to have very high mobility in soils. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).

## 12.5. Results of PBT and vPvB assessment

Not available

# **12.6.** Other adverse effects

None known

## SECTION 13: DISPOSAL CONSIDERATIONS

# 13.1. Waste treatment methods

Incinerate absorbed material with a properly licensed facility. Incinerate pressurized or sealed containers in an approved facility. Check local, state and national/federal regulations and comply with the most stringent requirement. This product is classified as a hazardous waste according to 2008/98/EC.

	ng to 2008/36/EC.						
SECTION 14: TRANSPORT INFORMATION							
14.1. UN number							
ADR/RID/ADN/IM	DG/ICAO: UN1950						
TDG:	UN1950						
US DOT:	UN1950						
14.2. UN proper shipping name							
ICAO:	Aerosols, Flammable						
IMDG:	Aerosols						
ADR/RID/ADN:	Aerosols, flammable						
TDG: US DOT:	Aerosols, flammable Aerosols, flammable						
14.3. Transport hazard							
ADR/RID/ADN/IM							
TDG:	2.1						
US DOT:	2.1						
14.4. Packing group							
ADR/RID/ADN/IM	DG/ICAO: NOT APPLICABLE						
TDG:	NOT APPLICABLE						
US DOT:	NOT APPLICABLE						
14.5. Environmental haz							
	NT - (NAPHTHA (PETROLEUM) LIGHT ALKYLATE)						
14.6. Special precaution							
	AUTIONS FOR USER						
•	according to Annex II of MARPOL73/78 and the IBC Code						
NOT APPLICABLE							
14.8. Other information	pped as Limited Quantities when in a metal container of 1 L or less (49 CFR 173.306(3),(i)) and in a package having a						
<ul> <li>rated capacity gross weight of 30kg(66 lb.) or less (49 CFR 173.306(a)).</li> <li>Single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass of 5 kg or less for solids, are not subject to any other requirements of 49 CFR subchapter C. (49 CFR 171.4 (2) Marine pollutants). ERG NO. 126</li> <li>IMDG: May be shipped as Limited Quantities when in a metal container of 1 L or less (IMO IMDG Special Provision 277) and in a package having a rated capacity gross weight of 30kg(66 lb.) or less (IMO IMDG 3.4.2.1).</li> <li>Marine Pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass of 5 kg or less for solids, are not subject to any other requirements of the IMDG code relevant to marine pollutants. EmS. F-D, S-U</li> <li>ADR: May be shipped as Limited Quantities when in a metal container of 1 L or less (ADR 3.4.1) and in a package having a rated capacity gross weight of 30kg(66 lb.) or less (ADR 3.4.2).</li> <li>Packages containing environmentally hazardous substances shall be marked with the environmentally hazardous substance mark with the exception of single and combination packagings where such single or inner packagings of such combination packagings</li> </ul>							
have a net quantity of 5 L or less for liquids; or a net mass of 5 kg or less for solids(ADR 5.2.1.8.1). Classification code 5F, Tunnel restriction code (E)							
SECTION 15: REGULA							
-	15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture						
15.1.1. EU regulations							
Authorisations under Title VII: Not applicable							
Restrictions under Title VIII: None							
<b>Other EU regulations:</b> Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers.							
15.1.2. National regulations							
US EPA SARA TITLE III							
312 Hazards:	313 Chemicals:						
Immediate	None						
Fire							
Pressure Release	<b>TSCA:</b> All chemical components are listed in the TSCA inventory.						

Other national re	gulations	s: National imp	lementation of the EC Directive referred to in section 15.1.1.				
15.2. Chemical safety assessment							
	-		arried out for this substance/mixture by the supplier.				
SECTION 16: OTHER INFORMATION							
Abbreviations			ent concerning the International Carriage of Dangerous Goods by Inland Waterways				
and acronyms:	ent concerning the International Carriage of Dangerous Goods by Road						
-		Acute Toxicity Estimate					
	BCF: Bio	ioconcentration Factor					
		: Converted Acute Toxicity point Estimate					
		: Classification Labelling Packaging Regulation (1272/2008/EC) Exposure Standard					
		: Globally Harmonized System					
			Aviation Organization				
			time Dangerous Goods				
			on to 50 % of a test population				
		owest Observed	% of a test population				
	-	Applicable					
		Available					
			ect Concentration				
		to Observed Effe					
			Economic Co-operation and Development				
			mulative and Toxic substance				
			ucture-Activity Relationship				
			aluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)				
	REL: Re	commended Exp	posure Limit				
			ning the International Carriage of Dangerous Goods by Rail				
		afety Data Sheet					
		ure Limit					
			et Organ Toxicity, Repeated Exposure				
	STOT SE: Specific Target Organ Toxicity, Single Exposure						
	TDG: Transportation of Dangerous Goods (Canada)						
		WA: Time Weighted Average IS DOT: United States Department of Transportation					
		orkplace Exposu	d very Bioaccumulative substance				
			ardous Materials Information System				
			acronyms can be looked up at www.wikipedia.org.				
Key literature ref			es normes, de l'équité, de la santé et de la sécurité du travail (CNESST)				
and sources for	data:		sification and Information Database (CCID)				
			micals Agency (ECHA) - Information on Chemicals				
			ostances Information System (HSIS)				
			te of Technology and Evaluation (NITE) nicals Agency (KEMI)				
			ibrary of Medicine Toxicology Data Network (TOXNET)				
Procedure used	to derive		on for mixtures according to Regulation (EC) No 1272/2008 [CLP]:				
Classification			Classification procedure				
Aerosol 1, H222			On basis of components				
Skin Irrit. 2, H31			Calculation method				
STOT SE 3, H33			Bridging principle "Dilution"				
Aquatic Chronic			Calculation method				
Relevant H-state	ments	H222 <sup>.</sup> Extremely	/ flammable aerosol.				
- Sievant 1-State		•	mmable liquid and vapour.				
			ed container: May burst if heated.				
			tal if swallowed and enters airways.				
		H315: Causes s					
			erious eye irritation.				
			e drowsiness or dizziness.				
			iquatic life with long lasting effects.				
Hazard nictoare	n namaa.						
Hazard pictograr	n names:	rianie, yas cy	linder (non-CLP) health hazard (non-CLP) exclamation mark, environment.				

Changes to the SDS in this revision: Section 2.1.

Revision date: 24 September 2020

Further information: None

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose. The user must make their own determination as to suitability.