

SAFETY DATA SHEET

Supplier:

in accordance with 2020/878/EU (REACH, Annex II) 29 CFR 1910.1200, WHMIS 2015 and Safe Work Australia

Revision date: 5 December 2023 Date of previous issue: 8 January 2023 SDS No. 173A-23

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

715 Spraflex® (Aerosol)

Unique Formula Identifier (UFI): 4AQV-VXPU-PVC0-7CSX

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

Relevant identified uses: Petroleum base lubricant for chain drives, open gears and wire ropes.

Uses advised against: No data available

Reason why uses advised against: Not applicable 1.3. Details of the supplier of the safety data sheet

1.3. Details of the supplier of the safety data sheet

Company:
A.W. CHESTERTON COMPANY

860 Salem Street

Groveland, MA 01834-1507, USA

Tel. +1 978-469-6446 Fax: +1 978-469-6785

(Mon. - Fri. 8:30 - 5:00 PM EST) SDS requests: <u>www.chesterton.com</u>

E-mail (SDS questions): ProductSDSs@chesterton.com

E-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)
NSW Poisons Information Centre (Australia): 13 11 26

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP] / Safe Work Australia

Aerosol, Category 1, H222, H229 Skin irritation, Category 2, H315

Specific target organ toxicity – single exposure, Category 3, H336

2.1.2. Classification according to 29 CFR 1910.1200 / WHMIS 2015

Flammable aerosol, Category 1, H222

Compressed gas, H280

Skin irritation, Category 2, H315

Specific target organ toxicity - single exposure, Category 3, H336

2.1.3. Additional information

For full text of H-statements: see SECTIONS 2.2 and 16.

2.2. Label elements

2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP] / Safe Work Australia

Hazard pictograms:



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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. **Precautionary statements:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. P251 Avoid breathing vapours/spray. P261 P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves. Call a POISON CENTER or doctor if you feel unwell. P312 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P410/412

Supplemental information: None

2.2.2. Labelling according to 29 CFR 1910.1200 / WHMIS 2015

Hazard pictograms:







Signal word: Danger

Hazard statements: H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.
P261 Avoid breathing vapours/spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.

P302/352 IF ON SKIN: Wash with plenty of soap and water.

P304/340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER or doctor if you feel unwell.
P332/313 If skin irritation occurs: Get medical advice/attention.
P362/364 Take off contaminated clothing and wash it before reuse.

P403 Store in a well-ventilated place.

P410/412U Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container to an approved waste disposal plant.

Supplemental information: None

2.3. Other hazards

None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures					
Hazardous Ingredients ¹	% Wt.	CAS No./ EC No.	REACH Reg. No.	CLP/GHS Classification	SCL, M-factor, ATE
Distillates (petroleum), hydrotreated light	15-24	64742-47-8 265-149-8	NA	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 3, H412	ATE (oral): > 5,000 mg/kg ATE (dermal): > 2,000 ATE (inhalation, mist): > 5 mg/l
Propane	7-13	74-98-6 200-827-9	NA	Flam. Gas 1, H220 Press. Gas (Comp.), H280	ATE (inhalation, vapour): 658 mg/l

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Butane*	5-10	106-97-8 203-448-7	NA	Flam. Gas 1, H220 Press. Gas (Comp.), H280	ATE (inhalation, vapour): 30.957mg/l
m-Xylene	1-5	108-38-3 203-576-3	NA	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H332, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412	ATE (oral): 3,523 mg/kg ATE (dermal): > 4,200 mg/kg ATE (inhalation, vapour): 27.124 mg/l
Morpholine	0.1-0.9	110-91-8 203-815-1	NA	Flam. Liq. 3, H226 Acute Tox. 3, H311, H331 Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318	ATE (oral): 1,910 mg/kg ATE (dermal): 500 ATE (inhalation, vapour): 8 mg/l
Other ingredients ¹ :					
Distillates (petroleum), hydrotreated naphthenic**	50-60	64742-52-5 265-155-0	NA	Not classified	ATE (oral): > 5,000 mg/kg ATE (dermal): > 2,000 ATE (inhalation, mist): > 5 mg/l
f. 4 4 - f - 4 - 4 4 OFOT	101140				

For full text of H-statements: see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1. Description 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: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing for at least 10 minutes. Contact physician if irritation persists.

Ingestion: Do not induce vomiting. Contact physician immediately.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. Avoid contact with

the product while providing aid to the victim. Avoid breathing vapours. See section 8.2.2 for

recommendations on personal protective equipment.

4.2. Most important symptoms and effects, both acute and delayed

Causes skin irritation. Direct eye contact will cause eye irritation. Excessive inhalation of vapors will irritate the eyes and respiratory tract and cause dizziness, headache and other central nervous system effects.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, dry chemical, foam or water spray

Unsuitable extinguishing media: High volume water jet5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon Monoxide, aldehydes, Hydrogen Sulfide and other toxic fumes.

Other hazards: Water may cause frothing. Pressurized containers, when heated, are a potential explosive hazard.

5.3. Advice for firefighters

Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

Australian HAZCHEM Emergency Action Code: 2 Y

^{*}Contains less than 0.1 % w/w 1,3-Butadiene. **Contains less than 3 % DMSO extract as measured by IP 346.

¹ Classified according to: • 29 CFR 1910.1200, 1915, 1916, 1917, Mass. Right-to-Know Law (ch. 40, M.G.L..O. 111F)

^{• 1272/2008/}EC, GHS, REACH

[•] WHMIS 2015

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Provide adequate ventilation. Utilize exposure controls and personal protection as specified in Section 8. Keep away from sources of ignition - No smoking. If removal of ignition sources is not possible, then flush material away with water.

6.2. Environmental Precautions

Contain spill to a small area. Keep out of sewers, streams and waterways.

6.3. Methods and material for containment and cleaning up

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. Do not breathe vapour/spray. Utilize exposure controls and personal protection as specified in Section 8. Vapors are heavier than air and will collect in low areas. Wash before eating, drinking or smoking. If product is heated, use adequate ventilation.

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.

7.3. Specific end use(s)

No special precautions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit values

Ingredients	OSHA ppm	PEL ¹ mg/m ³	ACGIH ppm	I TLV ² mg/m ³	UK W ppm	/EL³ mg/m³	AUSTRA ppm	ALIA ES ⁴ mg/m ³
Distillates (petroleum), hydrotreated light	N/A	N/A	212 *	1200 *	N/A	N/A	N/A	N/A
Propane	1000	1800	N/A	N/A	N/A	N/A	N/A	N/A
Butane	N/A	N/A	1,000 (STEL)	N/A	600 STEL: 750	1,450 1,810	800	1,900
m-Xylene **	100	435	100 STEL: 150	434	50 STEL: 100	220 441	80 STEL: 150	350 STEL: 655
Morpholine ***	20	70	20	(skin)	10 (skin) STEL: 20	36 72	20 (skin)	71
Oil mist, mineral	N/A	5	(inhal.)	5	N/A	N/A	N/A	5

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

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^{**} European Union Occupational Exposure Limit Value: 50 ppm, 221 mg/m³ (8-hr TWA) 100 ppm, 442 mg/m³ (15 min)

^{***} European Union Occupational Exposure Limit Value: 10 ppm, 36 mg/m³ (8-hr TWA) 20 ppm, 72 mg/m³ (15 min)

¹ United States Occupational Health & Safety Administration permissible exposure limits

² American Conference of Governmental Industrial Hygienists threshold limit values

³ EH40 Workplace exposure limits, Health & Safety Executive

⁴ Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants

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Biological limit values

Xylene:

Control parameter	Biological specimen	Sampling Time	Limit value	Source	Notes
Methylhippuric acids	Urine	End of shift	1.5 g/g creatinine	ACGIH	_

Derived No Effect Level (DNEL) according to Regulation (EC) No 1907/2006:

Workers

Substance	Route of exposure	Potential health effects	DNEL
m-Xylene	Inhalation	Chronic effects, local	221 mg/m ³ (GESTIS)
	Inhalation	Chronic effects, systemic	221 mg/m ³ (GESTIS)
Morpholine	Inhalation	Chronic effects, local	36 mg/m ³ (GESTIS)
Distillates (petroleum), hydrotreated naphthenic	Inhalation	Chronic effects, systemic	5.58 mg/m ³ (GESTIS)
	Inhalation	Chronic effects, local	2.73 mg/m ³ (GESTIS)

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:

Not available

8.2. Exposure controls

8.2.1. Engineering measures

Use only in well-ventilated areas. If exposure limits are exceeded, provide adequate 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/P).

Protective gloves: Chemical resistant gloves (e.g. Viton*, neoprene, nitrile). *DuPont's registered trademark.

Eye and face protection: Safety glasses

Other: Impervious clothing as necessary for repetitive, prolonged skin contact.

8.2.3. Environmental exposure controls

Refer to sections 6 and 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES						
9.1. Information on basic physical and chemical properties						
Physical state Colour	high viscosity liquid black	pH Kinematic viscosity	not applicable ≥ 57.87 cSt @ 40°C @ 40°C @ 40°C (calculated, product only)			
Odour	strong petroleum odor	Solubility in water Partition coefficient n-octanol/water (log value)	insoluble			
Odour threshold	not determined		not applicable			
Boiling point or range Melting point/freezing point % Volatile (by volume) Flammability Lower/upper flammability or explosion limits	139°C (282°F), product only	Vapour pressure @ 20°C	not determined			
	not determined	Density and/or relative density	0.917 kg/l			
	35%, product only	Weight per volume	7.63 lbs/gal.			
	ignitable	Vapour density (air=1)	> 1			
	LEL 1.1%; UEL 9.0%	Rate of evaporation (ether=1)	< 1			
Flash point Method Autoignition temperature Decomposition temperature 9.2. Other information None	41°C (105°F), product only	% Aromatics by weight	< 6			
	PM Closed Cup	Particle characteristics	not applicable			
	not determined	Explosive properties	not determined			
	not determined	Oxidising properties	not determined			

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Refer to sections 10.3 and 10.5.

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

No dangerous reactions known under conditions of normal use.

10.4. Conditions to avoid

Open flames, heat, sparks and red hot surfaces.

10.5. Incompatible materials

Strong oxidizers like liquid Chlorine and concentrated Oxygen.

10.6. Hazardous decomposition products

Carbon Monoxide, aldehydes, Hydrogen Sulfide and other toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 / GHS

Primary route of exposure under normal use:

Inhalation, skin and eye contact. Personnel with dermatitis are generally aggravated by exposure.

Acute toxicity -

Oral:

Based on available data on components, the classification criteria are not met. ATE-mix > 5000 mg/kg.

Substance	Test	Result
Distillates (petroleum), hydrotreated	LD50, rat	> 5,000 mg/kg
light		
m-Xylene	LD50, rat	3,523 mg/kg
Distillates (petroleum), hydrotreated	LD50, rat	> 5,000 mg/kg
naphthenic		
Morpholine	LD50, rat	1,910 mg/kg

Dermal:

Based on available data on components, the classification criteria are not met. ATE-mix = 19.264 mg/kg.

Substance	Test	Result
Distillates (petroleum), hydrotreated	LD50, rabbit	> 2,000 mg/kg
light		
m-Xylene	LD50, rabbit	> 4,200 mg/kg
Distillates (petroleum), hydrotreated	LD50, rabbit	> 2,000 mg/kg,
naphthenic		estimated
Morpholine	LD50, rabbit	500 mg/kg

Inhalation:

ATE-mix = 217.8 mg/l (vapour). Excessive inhalation of vapors will irritate the eyes and respiratory tract and cause dizziness, headache and other central nervous system effects.

Substance	Test	Result
Distillates (petroleum), hydrotreated	LC50, rat, 4 h	> 5.28 mg/l (vapour)
light		
Propane / Butane	LC50, rat, 4 h	658 mg/l
m-Xylene	LC50, rat, 4 h	27.124 mg/l (vapour)
Morpholine	LC50, rat, 4 h	8 mg/l (vapour)

Skin corrosion/irritation:

Causes skin irritation.

Substance	Test	Result
Distillates (petroleum), hydrotreated light	Skin irritation, rabbit	Not irritating Slightly irritating Moderate irritation

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Serious eye damage/

irritation:

Direct eye contact will cause eye irritation.

Substance	Test	Result
Distillates (petroleum), hydrotreated	Eye irritation, rabbit	Not irritating Slightly
light		irritating

Respiratory or skin sensitisation:

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

Substance	Test	Result
Distillates (petroleum), hydrotreated	Skin sensitization,	Not sensitizing
light	guinea pig	
Xylene	Skin sensitization,	Not sensitizing
	mouse	

Germ cell mutagenicity: Distillates (petroleum), hydrotreated light, m-Xylene: based on available data, the classification

criteria are not met.

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: Distillates (petroleum), hydrotreated light, m-Xylene, based on available data, the classification

criteria are not met.

STOT – single exposure: May cause drowsiness or dizziness.

STOT – repeated exposure: Distillates (petroleum), hydrotreated light, m-Xylene: based on available data, the classification

criteria are not met.

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

11.2. Information on other hazards

None

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

Oil products, improperly released to the environment, can cause ground and water pollution.

12.2. Persistence and degradability

m-Xylene, Distillates (petroleum), hydrotreated light, Propane, Butane: degradation is expected in the atmospheric environment within days to weeks. m-Xylene: readily biodegradable. Distillates (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated naphthenic: inherently biodegradable.

12.3. Bioaccumulative potential

m-Xylene: low potential for bioaccumulation. Distillates (petroleum), hydrotreated light: Octanol/water partition coefficient (log Kow) = 2.1-5 (estimated). Distillates (petroleum), hydrotreated naphthenic: some components may bioaccumulate in fish and aquatic organisms.

12.4. Mobility in soil

Liquid. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). The solvents [m-Xylene, Distillates (Petroleum), Hydrotreated Light] will rapidly evaporate to the air if released into the environment. m-Xylene: expected to have moderate mobility in soil.

12.5. Results of PBT and vPvB assessment

Not available

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

None known

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Incinerate absorbed material with a properly licensed facility. Keep out of sewers, streams and waterways. Unused or spent product is amenable to incineration or fuels blending. 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.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number

ADG/ADR/RID/ADN/IMDG/ICAO: UN1950 UN1950 UN1950 UN1950 UN1950

14.2. UN proper shipping name

ICAO: Aerosols, Flammable

ADG/IMDG: Aerosols

ADR/RID/ADN:
TDG:
Aerosols, flammable
US DOT:
Aerosols, flammable
Aerosols, flammable

14.3. Transport hazard class(es)

ADG/ADR/RID/ADN/IMDG/ICAO: 2.1 TDG: 2.1 US DOT: 2.1

14.4. Packing group

ADG/ADR/RID/ADN/IMDG/ICAO: NOT APPLICABLE TDG: NOT APPLICABLE US DOT: NOT APPLICABLE

14.5. Environmental hazards

NO ENVIRONMENTAL HAZARDS

14.6. Special precautions for user

NO SPECIAL PRECAUTIONS FOR USER

14.7. Maritime transport in bulk according to IMO instruments

NOT APPLICABLE

14.8. Other information

US DOT: Shipped as Limited Quantity in packaging having a rated capacity gross weight of 66 lb. or less (49 CFR 173.306(a),(3),(i)).

ERG NO. 126

IMDG: EmS. F-D, S-U, Shipped as Limited Quantity

ADR: Classification code 5F, Tunnel restriction code (E), Shipped as Limited Quantity

ADG HAZCHEM CODE: N/A HIN: (1)

SECTION 15: REGULATORY INFORMATION

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

Other EU regulations: Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol

dispensers.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (hazard

category P3a, Flammable Aerosols; qualifying quantities: 150 t (net), 500 t (net)).

15.1.2. National regulations

US EPA SARA TITLE III

312 Hazards: Chemicals subject to reporting requirements of Section 313 of EPCRA

and of 40 CFR 372:

Flammable aerosol m-Xylene 108-38-3 1-5%

Gases under pressure

Skin irritation

Specific target organ toxicity – single exposure

TSCA: All chemical components are listed in the TSCA inventory.

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Other national regulations: National implementation of the EC Directive referred to in section 15.1.1.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER 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

CLP: Classification Labelling Packaging Regulation (1272/2008/EC)

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 NA: Not Available

NOEC: No Observed Effect Concentration

NOEL: No Observed Effect Level

OECD: Organization for Economic Co-operation and Development

PBT: Persistent, Bioaccumulative and Toxic substance (Q)SAR: Quantitative Structure-Activity Relationship

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)

REL: Recommended Exposure Limit

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

SCL: Specific Concentration Limit

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 vPvB: very Persistent and very Bioaccumulative substance

WEL: Workplace Exposure Limit

WHMIS: Workplace Hazardous Materials Information System

Other abbreviations and acronyms can be looked up at www.wikipedia.org.

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)

Swedish Chemicals Agency (KEMI)

U.S. National Library of Medicine Toxicology Data Network (TOXNET)

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Procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP] / GHS:

Classification	Classification procedure
Aerosol 1, H222, H229	On basis of components and packaging
Skin Irrit. 2, H315	Calculation method
STOT SE 3, H336	Bridging principle "Dilution"

Relevant H-statements: H220: Extremely flammable gas.

H226: Flammable liquid and vapour.

H280: Contains gas under pressure; may explode if heated.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin. H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage. H319: Causes serious eye irritation.

H331: Toxic if inhaled. H332: Harmful if inhaled.

H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictogram names: Flame, exclamation mark

Further information: None

Date of last revision: 5 December 2023

Changes to the SDS in this revision: Section 1.1.

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.