

SAFETY DATA SHEET

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

Revision date: 4 November 2023 **Date of previous issue:** 8 January 2023 **SDS No.** 111A-22

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

1.1. Product identifier

752 Cold Galvanizing Compound (Aerosol)

Unique Formula Identifier (UFI): WK5Y-9SXC-XGCF-9D5T

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

Relevant identified uses: Zinc rich primer and coating for iron, steel and their welds.

Uses advised against: No data available

Reason why uses advised against: Not applicable

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

Supplier:

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
Eye irritation, Category 2, H319
Specific target organ toxicity – single exposure, Category 3, H336
Specific target organ toxicity – repeated exposure, Category 2, H373 (central nervous system)
Hazardous to the aquatic environment, Acute, Category 1, H400
Hazardous to the aquatic environment, Chronic, Category 1, H410

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
Eye irritation, Category 2, H319
Specific target organ toxicity – single exposure, Category 3, H336
Specific target organ toxicity – repeated exposure, Category 1, H372 (central nervous system)
Specific target organ toxicity – repeated exposure, Category 2, H373 (liver, kidneys, hearing)
Hazardous to the aquatic environment, Acute, Category 1, H400
Hazardous to the aquatic environment, Chronic, Category 1, H410

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:****Signal word:**

Danger

Hazard statements:

H222 Extremely flammable aerosol.
 H229 Pressurized container: May burst if heated.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H373 May cause damage to the central nervous system through prolonged or repeated exposure.
 H410 Very toxic to aquatic life with long lasting effects.

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.
 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 Wear protective gloves and eye/face protection.
 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.
 P337/313 If eye irritation persists: Get medical advice/attention.
 P362/364 Take off contaminated clothing and wash it before reuse.
 P410/412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H372 Causes damage to the central nervous system through prolonged or repeated exposure.
 H373 May cause damage to the liver, kidneys and hearing through prolonged or repeated exposure.
 H410 Very toxic to aquatic life with long lasting effects.

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.
	P260	Do not breathe vapours/spray.
	P264	Wash skin thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P273	Avoid release to the environment.
	P280	Wear protective gloves and eye/face protection.
	P302/352	IF ON SKIN: Wash with plenty of soap and water.
	P332/313	If skin irritation occurs: Get medical advice/attention.
	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.
	P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337/313	If eye irritation persists: Get medical advice/attention.
	P362/364	Take off contaminated clothing and wash it before reuse.
	P403	Store in a well-ventilated place.
	P410/412	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
Zinc	40-50	7440-66-6 231-175-3	NA	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 (M-factor: 1)	M-factor acute/chronic: 1
Acetone	10-20	67-64-1 200-662-2	NA	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	ATE (oral): 5,800 mg/kg ATE (dermal): 15,800 mg/kg ATE (inhalation, vapour): > 20 mg/l
Xylene	5-10	1330-20-7 215-535-7	NA	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H332/H312 STOT RE 2, H373 (CNS, liver, kidneys) Skin Irrit. 2, H315 STOT SE 3, H335 Aquatic Chronic 3, H412	ATE (oral): 4,300 mg/kg ATE (dermal): > 4,350 mg/kg ATE (inhalation, vapour): 27.124 mg/l
Butanone (Synonym: Methyl ethyl ketone)	5-10	78-93-3 201-159-0	NA	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	ATE (oral): > 2,600 mg/kg ATE (dermal): > 8,000 mg/kg ATE (inhalation, vapour): 34.5 mg/l
Propane	1-5	74-98-6 200-827-9	NA	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Simple Asphyxiant (US/Can.)	ATE (inhalation, vapour): 658 mg/l
Butane*	1-5	106-97-8 203-448-7	NA	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Simple Asphyxiant (US/Can.)	ATE (inhalation, vapour): 30.957mg/l

Stoddard solvent**	1-3	8052-41-3 232-489-3	NA	Flam. Liq. 3, H226 STOT RE 1, H372D Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	ATE (oral): > 5,000 mg/kg ATE (dermal): > 3,000 mg/kg ATE (inhalation, vapour): > 5.5 mg/l
Carbon dioxide	1-3	124-38-9 204-696-9	NA	Press. Gas (Comp.), H280	NA
Ethylbenzene	1-2	100-41-4 202-849-4	NA	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Acute Tox. 4, H332 STOT RE 2, H373 (hearing) Aquatic Chronic 3, H412	ATE (oral): 3,500 mg/kg ATE (dermal): 15,354 mg/kg ATE (inhalation, vapour): 17.2 mg/l
n-Butyl Acetate	0.8-1.5	123-86-4 204-658-1	NA	Flam. Liq. 3, H226 STOT SE 3, H336	ATE (oral): 13,100 mg/kg ATE (dermal): >14,100 mg/kg ATE (inhalation, vapour): > 21 mg/l

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

*Contains less than 0.1 % w/w 1,3-Butadiene. **Contains less than 0.1 % w/w Benzene.

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
• Safe Work Australia

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.

Skin contact: Wash skin with soap and water. 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. 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. Do not breathe vapours. See section 8.2.2 for recommendations on personal protective equipment.

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

Direct contact and vapors may cause eye, nose and throat irritation. Inhalation of vapor concentrations in excess of exposure limits may result in dizziness, headache and other central nervous system effects. Prolonged or repeated skin contact may defat the skin and cause skin irritation.

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 or foam.

Unsuitable extinguishing media: Water

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon Monoxide, Carbon Dioxide and other toxic fumes.

Other hazards: Contact with water liberates extremely flammable gases. 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: 3 Y

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.

6.2. Environmental Precautions

No special requirements.

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**

Use only in well-ventilated areas. Shake well before using. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No Smoking. Vapors are heavier than air and will collect in low areas. Vapor accumulations could flash and/or explode if ignited. After handling, wash before eating, drinking or smoking. Utilize exposure controls and personal protection as specified in Section 8.

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 PEL ¹		ACGIH TLV ²		UK WEL ³		AUSTRALIA ES ⁴	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Zinc	N/A	15	N/A	10	N/A	N/A	N/A	10
Acetone	1,000	2,400	250	N/A	500	1,210	500	1,185
			STEL:		STEL:	STEL:	STEL:	
			500		1,500	3,620	1,000	2,375
Xylene	100	435	100	434	50	220	80	350
			STEL:	STEL:	STEL:	STEL:	STEL:	
			150	651	100	441	150	655
Butanone	200	590	200	590	200	600	150	445
			STEL:	STEL:	STEL:	STEL:	STEL:	STEL:
			300	885	300	899	300	890
Propane	1,000	1800	*	N/A	1000	N/A	*	N/A
Butane	N/A	N/A	STEL:	N/A	600	1450	800	1900
			1,000		STEL:			
					750	1810		
Stoddard solvent	500	2,900	100	525	N/A	N/A	N/A	790
Carbon dioxide	5,000	9,000	5,000	9,000	5,000	9,150	5,000	9,000
			STEL:		STEL:	STEL:	STEL:	
			30,000	54,000	15,000	27,400	30,000	54,000
Ethylbenzene	100	435	20	N/A	100	441	100	434
					STEL:	STEL:	STEL:	
					125	552	125	543
n-Butyl Acetate	150	710	50	N/A	150	724	150	713
			STEL:		STEL:	STEL:	STEL:	
			150		200	966	200	950

*Simple asphyxiant.

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

Biological limit values

Acetone:

Control parameter	Biological specimen	Sampling Time	Limit value	Source	Notes
Acetone	Urine	End of shift	25 mg/l	ACGIH	Nonspecific

Xylene :

Control parameter	Biological specimen	Sampling Time	Limit value	Source	Notes
Methylhippuric acids	Urine	End of shift	1.5 g/g creatinine	ACGIH	–
Methylhippuric acid	Urine	End of shift	650 mmol/mol creatinine	UK BMGV	–

Butanone (Methyl ethyl ketone):

Control parameter	Biological specimen	Sampling Time	Limit value	Source	Notes
Butanone	Urine	End of shift	2 mg/l	ACGIH	Nonspecific

Ethylbenzene:

Control parameter	Biological specimen	Sampling Time	Limit value	Source	Notes
Mandelic acid + Phenylglyoxylic acid	Urine	End of shift	0.15 g/g creatinine	ACGIH	Nonspecific

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

Substance	Route of exposure	Potential health effects	DNEL
Acetone	Inhalation	Chronic effects, systemic	1210 mg/m ³
Xylene	Inhalation	Chronic effects, local	221 mg/m ³ (GESTIS)
	Inhalation	Chronic effects, systemic	221 mg/m ³ (GESTIS)
Butanone	Inhalation	Chronic effects, systemic	600 mg/m ³
	Dermal	Chronic effects, systemic	1161 mg/kg bw/day
Ethylbenzene	Inhalation	Chronic effects, local	77 mg/m ³ (GESTIS)

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

Substance	Environmental protection target	PNEC
Butanone	Fresh water	55.8 mg/l
	Marine water	55.8 mg/l
	Water, intermittent release	55.8 mg/l
	Sediments	284.7 mg/kg
	Food chain	1000 mg/kg
	Microorganisms in sewage treatment	709 mg/l
	Soil (agricultural)	22.5 mg/kg

8.2. Exposure controls**8.2.1. Engineering measures**

Provide sufficient explosion-proof ventilation to keep the vapor concentrations below the exposure limits.

8.2.2. Individual protection measures

Respiratory protection: If exposure limits are exceeded, use approved organic vapor respirator (e.g., EN filter type A/P). When using in poorly ventilated and confined spaces, use a fresh air supply respirator or a self-contained breathing apparatus.

Protective gloves: Chemical resistant gloves (e.g., natural rubber, neoprene or PVC)

Acetone:

Contact type	Glove material	Layer thickness	Breakthrough time*
Full	butyl rubber	0.7 mm	> 480 min.
Splash	natural rubber	0.6 mm	> 10 min.

*Determined according to EN374 standard.

Eye and face protection: Recommend 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

9.1. Information on basic physical and chemical properties

Physical state	liquid	pH	not applicable
Colour	gray	Kinematic viscosity	not determined
Odour	solvent odor	Solubility in water	partially soluble
Odour threshold	not determined	Partition coefficient n-octanol/water (log value)	not applicable
Boiling point or range	56°C (133°F), product only	Vapour pressure @ 20°C	not determined
Melting point/freezing point	not applicable	Density and/or relative density	1.47 kg/l
% Volatile (by volume)	67%	Weight per volume	12.24 lbs/gal.
Flammability	ignitable	Vapour density (air=1)	>1
Lower/upper flammability or explosion limits	LEL: 1.2; UEL: 9.9	Rate of evaporation (ether=1)	<1
Flash point	-18°C (0°F)	% Aromatics by weight	9.4
Method	PM Closed Cup, product only	Particle characteristics	not applicable
Autoignition temperature	not determined	Explosive properties	not determined
Decomposition temperature	no data available	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.

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 acids, alkalis and strong oxidizers like liquid Chlorine and concentrated Oxygen.

10.6. Hazardous decomposition products

Carbon Monoxide, Carbon Dioxide and other toxic fumes (thermal decomposition).

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 pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Acute toxicity -

Oral: Based on available data on components, the classification criteria are not met.
ATE-mix = 15588 mg/kg.

Substance	Test	Result
Acetone	LD50, rat	5,800 mg/kg
Xylene	LD50, rat	4,300 mg/kg
Butanone	LD50, rat	> 2,600 mg/kg
Stoddard solvent	LD50, rat	> 5,000 mg/kg
Ethylbenzene	LD50, rat	3,500 mg/kg
n-Butyl Acetate	LD50, rat	13,100 mg/kg

Dermal: Based on available data on components, the classification criteria are not met.
ATE-mix = 13431 mg/kg.

Substance	Test	Result
Acetone	LD50, rabbit	15,800 mg/kg
Xylene	LC50, rabbit	> 4,350 mg/kg
Butanone	LD50, rabbit	> 8,000 mg/kg
Stoddard solvent	LC50, rabbit	> 3,000 mg/kg
Ethylbenzene	LC50, rabbit	15,354 mg/kg
n-Butyl Acetate	LD50, rabbit	> 14,100 mg/kg

Inhalation: Based on available data on components, the classification criteria are not met.
ATE-mix = 102.41 mg/kg (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
Acetone	LC50, rat, 4 hours	76 mg/l
Xylene	LC50, rat, 4 hours	27.12 mg/l
Butanone	LC50, rat, 4 hours	34.5 mg/l
Stoddard solvent	LC50, rat, 4 hours	> 5.5 mg/l
Ethylbenzene	LC50, rat, 4 hours	17.2 mg/l
n-Butyl Acetate	LC50, rat, 4 hours	> 21 mg/l

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Substance	Test	Result
Acetone	Eye irritation, rabbit	Irritating
Butanone	Eye irritation, rabbit	Irritating

Respiratory or skin sensitisation: Not expected to cause sensitization.

Germ cell mutagenicity: Hazardous ingredients: mutagenicity not suspected for humans.

Carcinogenicity: The International Agency for Research on Cancer (IARC) has designated Ethylbenzene as possibly carcinogenic to humans (group 2B).

Reproductive toxicity: Hazardous ingredients: not expected to be reproductive toxicants.

STOT – single exposure: May cause drowsiness or dizziness.

STOT – repeated exposure: Reports have associated repeated or prolonged occupational overexposure to all solvents with permanent brain and nervous system damage. Lab animals exposed to Xylene vapor showed embryo/fetotoxic, hearing loss and liver and kidney effects.

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

11.2. Information on other hazards

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

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Solvents (vapor phase): will degrade in air; biodegradable.

12.3. Bioaccumulative potential

Xylene, Ethylbenzene, Butanone, n-Butyl Acetate, Acetone: low potential for bioaccumulation (BCF < 100). The bioaccumulation of Zinc may be important in aquatic environments.

12.4. Mobility in soil

Liquid. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). Solvents (Xylene, Ethylbenzene, Butanone, Stoddard solvent, n-Butyl Acetate, Acetone): will rapidly evaporate to the air if released into the environment.

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

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Product should be disposed of as hazardous waste. 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.

SECTION 14: TRANSPORT INFORMATION**14.1. UN number or ID number**

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

TDG: UN1950

US DOT: UN1950

14.2. UN proper shipping name

ICAO: Aerosols, Flammable

ADG/IMDG: Aerosols

ADR/RID/ADN: Aerosols, *flammable*

TDG: Aerosols, *flammable*

US DOT: 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 94/33/EC on the protection of young people at work.
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	Zinc	7440-66-6	40-50%
Gases under pressure	Xylene	1330-20-7	5-10%
Skin irritation	Ethylbenzene	100-41-4	1-2%
Eye irritation			
Specific target organ toxicity – single exposure			
Specific target organ toxicity – repeated exposure			

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

Other national regulations: National implementations of the EC Directives 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 and acronyms: ADG: Australian Dangerous Goods Code
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)

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

Classification	Classification procedure
Aerosol 1, H222	On basis of components
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Bridging principle "Dilution"
STOT RE 2, H373	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 1, H410	Calculation method

Relevant H-statements: EUH066: Repeated exposure may cause skin dryness or cracking.
 H220: Extremely flammable gas.
 H225: Highly flammable liquid and vapour.
 H226: Flammable liquid and vapour.
 H280: Contains gas under pressure; may explode if heated.
 H304: May be fatal if swallowed and enters airways.
 H312: Harmful in contact with skin.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H332: Harmful if inhaled.
 H335: May cause respiratory irritation.
 H336: May cause drowsiness or dizziness.
 H372: Causes damage to organs through prolonged or repeated exposure.
 H373: May cause damage to organs through prolonged or repeated exposure.
 H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.
 H411: Toxic to aquatic life with long lasting effects.
 H412: Harmful to aquatic life with long lasting effects.

Hazard pictogram names: Flame, gas cylinder (US/Can.) exclamation mark, health hazard, environment

Further information: None

Date of last revision: 4 November 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.