

Safety Data Sheet

in accordance with HSNO

Printing date 18.07.2023

Revised On: 06.07.2023

1 Identification of the substance or mixture and of the supplier

Trade name:	XTREME FX CHROME
Article number:	0000161034
Product category	PC9a Paints and coatings.
Process category	PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
Application of the substance / the mixture	Painting and coating.
Uses advised against	Any that differs from the recommended use.
Manufacturer/Supplier:	Import Distribution T/A Formula 660B Cryers Road East Tamaki Auckland 2013 New Zealand
Emergency telephone number:	National Poisons Centre 0800 764 766

2 Hazards identification

Classification of the substance or mixture

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Additional information:

Hazard pictograms



GHS02 GHS07

Signal word

Danger

Hazard statements

Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

Do not pierce or burn, even after use.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear eye protection / face protection.

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.

Call a POISON CENTER/doctor if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Store locked up.

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

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

3 Composition/Information on ingredients

Chemical characterisation: Mixtures Classification according to HSNO Act 1996---2.1.2A Flammable Aerosols

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 79-20-9 EINECS: 201-185-2	methyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	25-50%
CAS: 123-86-4 EINECS: 204-658-1	butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	≥15-<20%
CAS: 74-98-6 EINECS: 200-827-9	propane Flam. Gas 1A, H220	15-25%
CAS: 106-97-8	n-butane Flam. Gas 1A, H220	10-15%
CAS: 78-93-3 EINECS: 201-159-0	methyl ethyl ketone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	≥5-<10%
CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	1-5%
CAS: 108-65-6 EINECS: 203-603-9	PM acetate Flam. Liq. 3, H226	1-5%
CAS: 111-76-2 EINECS: 203-905-0	Glycol Ether EB Acute Tox. 3, H311; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Flam. Liq. 4, H227	1-5%

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4 First aid measures

After inhalation:	Supply fresh air; consult doctor in case of complaints.
After skin contact:	Generally the product does not irritate the skin.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Do not induce vomiting; call for medical help immediately.
Information for doctor:	
Most important symptoms and effects, both acute and delayed	Dizziness
Indication of any immediate medical attention and special treatment needed	No further relevant information available.

5 Fire fighting measures

Extinguishing agents:	CO ₂ , powder or water spray. Fight larger fires with water spray.
Special hazards arising from the substance or mixture	Can form explosive gas-air mixtures.
Protective equipment:	Mount respiratory protective device.
Additional information	Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Use respiratory protective device against the effects of fumes/dust/aerosol.
Environmental precautions:	Do not allow product to reach sewage system or any water course.
Methods and material for containment and cleaning up:	Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling	Use only in well ventilated areas.
Fire/explosion protection:	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material.
Conditions for safe storage, including any incompatibilities	
Requirements to be met by storerooms and receptacles:	Suitable material for receptacles and pipes: steel or stainless steel.
Information about storage in one common storage facility:	Not available.
Specific end use(s)	No further relevant information available.

8 Exposure controls/personal protection

Ingredients with limit values that require monitoring at the workplace:

79-20-9 methyl acetate

WES	Short-term value: 757 mg/m ³ , 250 ppm Long-term value: 606 mg/m ³ , 200 ppm
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123-86-4 butyl acetate

WES	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 713 mg/m ³ , 150 ppm
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74-98-6 propane

WES	Simple asphyxiant; may present an explosion hazard
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106-97-8 n-butane

WES	Long-term value: 1900 mg/m ³ , 800 ppm
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78-93-3 methyl ethyl ketone

WES	Short-term value: 890 mg/m ³ , 300 ppm Long-term value: 445 mg/m ³ , 150 ppm bio
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141-78-6 ethyl acetate

WES	Long-term value: 720 mg/m ³ , 200 ppm
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111-76-2 Glycol Ether EB

WES	Long-term value: 121 mg/m ³ , 25 ppm skin
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Exposure controls

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

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Respiratory protection: Avoid contact with the eyes and skin.
Do not eat or drink while working.
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands: Neoprene gloves
The glove material has to be impermeable and resistant to the product.

Eye protection: Tightly sealed goggles

9 Physical and chemical properties

Appearance: Aerosol.
Form: Not determined.
Odour: Aromatic
Odour threshold: Not determined.
pH-value: Not determined.
Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: -44.5 °C (-48.1 °F)
Flash point: -19 °C (-2.2 °F)
Flammability (solid, gas):
Ignition temperature: 370 °C (698 °F)
Decomposition temperature: Not determined.
Auto-ignition temperature: Product is not selfigniting.
Explosive properties: In use, may form flammable/explosive vapour-air mixture.
Lower: 1.7 Vol %
Upper: 16 Vol %
Vapour pressure: Not determined.
Density at 20 °C (68 °F): 0.8 g/cm³ (6.7 lbs/gal)
Relative density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not applicable.
Solubility: Fully miscible.
Partition coefficient: n-octanol/water: Not determined.
Viscosity: Not determined.
Dynamic: Not determined.
Kinematic: Not determined.
Other information: No further relevant information available.

10 Stability and reactivity

Thermal decomposition / conditions to be avoided: Stable at environment temperature.
Possibility of hazardous reactions: No dangerous reactions known.
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

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

LD/LC50 values relevant for classification:

79-20-9 methyl acetate

Oral	LD50	6,970 mg/kg (rat)
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123-86-4 butyl acetate

Oral	LD50	14,000 mg/kg (rat)
Inhalative	LC50/4 h	>21 mg/l (rat)

78-93-3 methyl ethyl ketone

Oral	LD50	3,300 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rbt)

141-78-6 ethyl acetate

Oral	LD50	4,935 mg/kg (rbt)
Inhalative	LC50/4 h	1,600 mg/l (rat)

108-65-6 PM acetate

Oral	LD50	8,500 mg/kg (rat)
Inhalative	LC50/4 h	35.7 mg/l (rat)

111-76-2 Glycol Ether EB

Oral	LD50	1,200 mg/kg (ATE)
		1,480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)

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Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

12 Ecological information

Aquatic toxicity:	No further relevant information available.
Persistence and degradability	The product is biodegradable after prolonged adaptation.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
General notes:	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

Uncleaned packaging:	
Recommendation:	Disposal must be made according to official regulations.
Recommended cleansing agents:	Water, if necessary together with cleansing agents.

14 Transport information

UN-Number	UN1950
NZS, IMDG, IATA	UN1950
UN proper shipping name	
NZS	1950 AEROSOLS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
Transport hazard class(es)	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class	2.1 Gases.
Label	2.1
Packing group	
NZS, IMDG, IATA	Void
Environmental hazards:	Not applicable.
Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.

Transport/Additional information:

NZS	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D

IMDG

Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity

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UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

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15 Regulatory information

New Zealand Inventory of Chemicals

79-20-9	methyl acetate
123-86-4	butyl acetate
74-98-6	propane
78-93-3	methyl ethyl ketone
141-78-6	ethyl acetate
108-65-6	PM acetate
111-76-2	Glycol Ether EB
9004-36-8	EASTMAN CAB-381-20
7429-90-5	Aluminum flake

HSNO Approval numbers

Approval Code: HSR002515

79-20-9	methyl acetate	HSR001188
123-86-4	butyl acetate	HSR001091
74-98-6	propane	HSR001010
78-93-3	methyl ethyl ketone	HSR001190
141-78-6	ethyl acetate	HSR001041
111-76-2	Glycol Ether EB	HSR001154

Directive 2012/18/EU

Named dangerous substances - ANNEX I

Seveso category

Qualifying quantity (tonnes) for the application of lower-tier requirements

None of the ingredients is listed.
P3a FLAMMABLE AEROSOLS

150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements

500 t

Waterhazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations

Group Standard: Aerosols (flammable) Group Standard 2006

16 Other information

Relevant phrases

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H227 Combustible liquid.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

Department issuing SDS:

Technical Services