

# Safety Data Sheet

in accordance with HSNO

Printing date 23.03.2023

Revised On: 23.03.2023

## 1 Identification of the substance or mixture and of the supplier

<b>Trade name:</b>	<b>XTREME FX CHROME</b>
<b>Article number:</b>	0000161034
<b>Product category</b>	PC9a Paints and coatings.
<b>Process category</b>	PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
<b>Application of the substance / the mixture</b>	Painting and coating.
<b>Uses advised against</b>	Any that differs from the recommended use.
<b>Manufacturer/Supplier:</b>	Import Distribution t/a Formula 60B Cryers Road East Tamaki, Auckland 2013 New Zealand telephone: 09 273 3600 website: www.formula.co.nz email: sales@formula.co.nz
<b>Emergency telephone number:</b>	NZ Poison Centre telephone: 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

#### Hazard statements

#### Precautionary statements

Danger

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

Causes serious eye irritation.

May cause drowsiness or dizziness.

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	methyl acetate	25-50%
EINECS: 201-185-2	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 123-86-4	butyl acetate	≥15-<20%
EINECS: 204-658-1	Flam. Liq. 3, H226; STOT SE 3, H336	
CAS: 74-98-6	propane	15-25%
EINECS: 200-827-9	Flam. Gas 1A, H220	
CAS: 106-97-8	n-butane	10-15%
	Flam. Gas 1A, H220	
CAS: 78-93-3	methyl ethyl ketone	≥5-<10%
EINECS: 201-159-0	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 141-78-6	ethyl acetate	1-5%
EINECS: 205-500-4	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	

(Contd. on page 2)

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(Contd. of page 1)

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%

## 4 First aid measures

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

## 5 Fire fighting measures

<b>Extinguishing agents:</b>	CO2, powder or water spray. Fight larger fires with water spray.
<b>Special hazards arising from the substance or mixture</b>	Can form explosive gas-air mixtures.
<b>Protective equipment:</b>	Mount respiratory protective device.
<b>Additional information</b>	Cool endangered receptacles with water spray.

## 6 Accidental release measures

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

## 7 Handling and storage

<b>Precautions for safe handling</b>	Use only in well ventilated areas.
<b>Fire/explosion protection:</b>	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.
<b>Conditions for safe storage, including any incompatibilities</b>	
<b>Requirements to be met by storerooms and receptacles:</b>	Suitable material for receptacles and pipes: steel or stainless steel.
<b>Information about storage in one common storage facility:</b>	Not available.
<b>Specific end use(s)</b>	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 <sup>3</sup> , 250 ppm Long-term value: 606 mg/m <sup>3</sup> , 200 ppm
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#### 123-86-4 butyl acetate

WES	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 713 mg/m <sup>3</sup> , 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 <sup>3</sup> , 800 ppm
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#### 78-93-3 methyl ethyl ketone

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

WES	Long-term value: 720 mg/m <sup>3</sup> , 200 ppm
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(Contd. on page 3)

# Safety Data Sheet

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Trade name: XTREME FX CHROME

(Contd. of page 2)

**111-76-2 Glycol Ether EB**WES Long-term value: 121 mg/m<sup>3</sup>, 25 ppm  
skin**Exposure controls****General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
Do not eat or drink while working.

**Respiratory protection:**

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/cm<sup>3</sup> (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)
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(Contd. on page 4)

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(Contd. of page 3)

Inhalative	LC50/4 h	1,600 mg/l (rat)
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**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)

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

**12 Ecological information**

<b>Aquatic toxicity:</b>	No further relevant information available.
<b>Persistence and degradability</b>	The product is biodegradable after prolonged adaptation.
<b>Bioaccumulative potential</b>	No further relevant information available.
<b>Mobility in soil</b>	No further relevant information available.
<b>General notes:</b>	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**

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

**14 Transport information**

<b>UN-Number</b>	UN1950
<b>NZS, IMDG, IATA</b>	UN1950
<b>UN proper shipping name</b>	
<b>NZS</b>	1950 AEROSOLS
<b>IMDG</b>	AEROSOLS
<b>IATA</b>	AEROSOLS, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.5F Gases.
<b>Label</b>	2.1
<b>IMDG, IATA</b>	
<b>Class</b>	2.1 Gases.
<b>Label</b>	2.1
<b>Packing group</b>	
<b>NZS, IMDG, IATA</b>	Void
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user</b>	Warning: Gases.
<b>Hazard identification number (Kemler code):</b>	-
<b>EMS Number:</b>	F-D,S-U
<b>Stowage Code</b>	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. 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.
<b>Segregation Code</b>	
<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.

(Contd. on page 5)

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(Contd. of page 4)

**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

**UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

**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**

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

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

150 t

**Waterhazard class:**

500 t

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

**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