



## SAFETY DATA SHEET

### FIXT Graffiti Remover

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name                      FIXT Graffiti Remover

Product number                  FX081250

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

Identified uses                      Graffiti Remover

##### 1.3. Details of the supplier of the safety data sheet

Supplier                                Seymour Road  
    Nuneaton  
    Warwickshire  
    CV11 4LB

   02476 322 196 (T)  
    02476 322 117 (F)  
    info@fixtconsumables.com

##### 1.4. Emergency telephone number

Emergency telephone              02476 322 196

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification

Physical hazards                      Aerosol 1 - H222, H229

Health hazards                        Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards              Not Classified

Classification (67/548/EEC or 1999/45/EC)    F+;R12. R67.

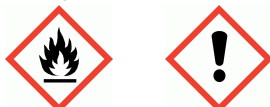
**Human health**                        Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Environmental**                        This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment

**Physicochemical**                      Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

##### 2.2. Label elements

###### Pictogram



Signal word                              Danger

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<b>Hazard statements</b>	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
<b>Precautionary statements</b>	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. P271 Use only outdoors or in a well-ventilated area. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P102 Keep out of reach of children. P260 Do not breathe vapour/spray. P501 Dispose of contents/container in accordance with local regulations.
<b>Contains</b>	1-METHOXY-2-PROPANOL, ALIPHATIC HYDROCARBON (D40)
<b>Detergent labelling</b>	≥ 30% aliphatic hydrocarbons, < 5% non-ionic surfactants

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>1-METHOXY-2-PROPANOL</b>	<b>30-60%</b>
CAS number: 107-98-2	EC number: 203-539-1
	REACH registration number: 01-2119457435-35
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	R10 R67
Acute Tox. 4 - H312	
STOT SE 3 - H336	
<b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b>	<b>10-30%</b>
CAS number: 68476-85-7	EC number: 270-704-2
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Gas 1 - H220	F+;R12 Carc. Cat. 1;R45 Muta. Cat. 2;R46
Press. Gas, Liquefied - H280	
<b>ALIPHATIC HYDROCARBON (D40)</b>	<b>10-30%</b>
CAS number: —	EC number: 919-857-5
	REACH registration number: 01-2119463258-33-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R65. R10,R66.
STOT SE 3 - H336	
Asp. Tox. 1 - H304	

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<b>Dimethyl succinate</b> <span style="float: right;"><b>1-5%</b></span>	
CAS number: 106-65-0	EC number: 203-419-9
REACH registration number: 01-2119486681-29	
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36.
<b>Alcohol ethoxylate</b> <span style="float: right;"><b>1-5%</b></span>	
CAS number: 68439-45-2	REACH registration number: N/A
<b>Classification</b> Eye Dam. 1 - H318 Acute Tox. 4 - H302	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R41.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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

**General information**                      The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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

**Notes for the doctor**                      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

#### 5.2. Special hazards arising from the substance or mixture

#### 5.3. Advice for firefighters

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.2. Environmental precautions

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

#### 6.4. Reference to other sections

**Reference to other sections**              For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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

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

**Specific end use(s)**                      The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### Occupational exposure limits

1-METHOXY-2-PROPANOL

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Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m<sup>3</sup>(Sk)

### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

### ALIPHATIC HYDROCARBON (D40)

Long-term exposure limit (8-hour TWA): SUP 1040 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### Ingredient comments

WEL = Workplace Exposure Limits SUP = Supplier's recommendation.

### 1-METHOXY-2-PROPANOL (CAS: 107-98-2)

#### DNEL

Industry - Inhalation; Short term local effects: 553.5 mg/m<sup>3</sup>

Industry - Dermal; Long term systemic effects: 369 mg/m<sup>3</sup>

Industry - Inhalation; Long term systemic effects: 369 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 43.9 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day

#### PNEC

- Fresh water; 10 mg/l

- Marine water; 1 mg/l

- STP; 100 mg/l

- Sediment (Freshwater); 41.6 mg/kg

- Sediment (Marinewater); 4.17 mg/l

- Soil; 2.47 mg/kg

- Intermittent release; 100 mg/l

### ALIPHATIC HYDROCARBON (D40)

#### DNEL

Workers - Dermal; Long term systemic effects: 300 mg/kg/day

Workers - Inhalation; Long term systemic effects: 1500 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 300 mg/kg

Consumer - Inhalation; Long term systemic effects: 900 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 300 mg/kg/day

## 8.2. Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

#### Personal protection

When using do not smoke.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### Hand protection

Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material.

#### Hygiene measures

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

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**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Aerosol.
<b>Colour</b>	White/off-white.
<b>Odour</b>	Organic solvents.
<b>Flash point</b>	< -40°C
<b>Upper/lower flammability or explosive limits</b>	Lower : 1.8% - Upper 9.5%
<b>Auto-ignition temperature</b>	410-580°C
<b>Comments</b>	Information given is applicable to the major ingredient.

#### 9.2. Other information

<b>Other information</b>	Not available.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 788 g/l.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.2. Chemical stability

#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Does not decompose when used and stored as recommended.
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#### 10.4. Conditions to avoid

#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Keep away from oxidising materials, heat and flames.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	27,777.78
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##### Acute toxicity - dermal

<b>ATE dermal (mg/kg)</b>	3,831.42
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#### **General information**

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

#### **Inhalation**

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

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<b>Ingestion</b>	Irritating. Symptoms following overexposure may include the following: Nausea, vomiting. Stomach pain.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.
<b>Acute and chronic health hazards</b>	Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Route of entry</b>	Inhalation
<b>Target organs</b>	Central nervous system Respiratory system, lungs
<b>Medical symptoms</b>	Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.

### SECTION 12: Ecological Information

**Ecotoxicity** No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

#### 12.1. Toxicity

**Toxicity** Not available.

#### 12.2. Persistence and degradability

**Persistence and degradability** Not available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

#### 12.4. Mobility in soil

**Mobility** Not known.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not available.

#### 12.6. Other adverse effects

**Other adverse effects** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

### SECTION 14: Transport information

**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

#### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

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UN No. (ICAO) 1950

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

### Transport labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-D, S-U

Tunnel restriction code (D)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Commission Regulation (EU) No 453/2010 of 20 May 2010.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Revision comments Supplemental information added.

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<b>Revision date</b>	24/07/2015
<b>Revision</b>	2
<b>SDS number</b>	12444
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R10 Flammable. R12 Extremely flammable. R22 Harmful if swallowed. R36 Irritating to eyes. R41 Risk of serious damage to eyes. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H222 Extremely flammable aerosol. H226 Flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated H229 Pressurised container: may burst if heated H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H318 Causes serious eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H336 May cause drowsiness or dizziness.

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