

# SAFETY DATA SHEET

## Professional Fly Killer

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

#### 1.1. Product identifier

Product name Professional Fly Killer

Product number 2070

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

Identified uses Insecticide.

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

##### Supplier

Rumenco T/A NET-TEX Ltd  
Hoo Industrial Estate  
Vicarage Lane  
Hoo  
Rochester  
Kent  
ME3 9LB  
+44(0)1634 257150

#### 1.4. Emergency telephone number

Emergency telephone +44(0)1634 257150 (Office hours: 8am - 6pm)

National emergency telephone number UK Consumers: NHS 111. Medical Professionals: [www.toxbase.org](http://www.toxbase.org)

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 1 - H410

#### 2.2. Label elements

##### Pictogram



Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H410 Very toxic to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	<p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P331 Do NOT induce vomiting.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** Distillates (petroleum), hydrotreated light

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Distillates (petroleum), hydrotreated light</b>	<b>60-100%</b>
CAS number: 64742-47-8	EC number: 265-149-8
<b>Classification</b> Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
<b>2(2-butoxyethoxy)ethyl 6-propylpiperonyl ether</b>	<b>1-5%</b>
CAS number: 51-03-6	EC number: 200-076-7
	REACH registration number: 01-2119537431-46-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b> Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
<b>tetramethrin</b>	<b>&lt;1%</b>
CAS number: 7696-12-0	EC number: 231-711-6
M factor (Acute) = 10	M factor (Chronic) = 10
<b>Classification</b> Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

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**permethrin (ISO) m-phenylbenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate**

**<1%**

CAS number: 52645-53-1

EC number: 258-067-9

M factor (Acute) = 100

M factor (Chronic) = 1000

### **Classification**

Acute Tox. 4 - H302

Acute Tox. 4 - H332

Skin Sens. 1 - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

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**

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention.
<b>Ingestion</b>	IF SWALLOWED: Give plenty of water to drink. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

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

<b>Inhalation</b>	Vapours may cause drowsiness and dizziness.
<b>Ingestion</b>	Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. May cause stomach pain or vomiting.
<b>Skin contact</b>	Overexposure may cause the following adverse effects: Skin irritation. Dryness and/or cracking.
<b>Eye contact</b>	May irritate eyes.

### **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**

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards**                      Vapours may form explosive mixtures with air. Containers can burst violently or explode when heated, due to excessive pressure build-up.

### **5.3. Advice for firefighters**

**Protective actions during firefighting**                      Evacuate area. Containers close to fire should be removed or cooled with water.

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**Special protective equipment for firefighters** Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8.

#### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

#### 6.4. Reference to other sections

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin, eyes and clothing. Wear protective clothing as described in Section 8 of this safety data sheet.

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

**Storage precautions** Store in tightly-closed, original container in a dry and cool place. Do not store near heat sources or expose to high temperatures. Take precautionary measures against static discharges.

#### 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

None of the ingredients are listed.

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients. This product must not be handled in a confined space without adequate ventilation.

##### Eye/face protection

Wear chemical splash goggles.

##### Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

##### Hygiene measures

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

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**Respiratory protection** Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

**Environmental exposure controls** Keep container tightly sealed when not in use.

### SECTION 9: Physical and Chemical Properties

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

**Appearance** Clear liquid.  
**Colour** Light (or pale). Straw.  
**Odour** Solvent.  
**Relative density** ~ 0.82

#### 9.2. Other information

**Other information** None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** In use may form flammable/explosive vapour-air mixture.

#### 10.4. Conditions to avoid

**Conditions to avoid** Heat, sparks, flames.

#### 10.5. Incompatible materials

**Materials to avoid** None known.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Inhalation** Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death.

**Ingestion** Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

**Skin contact** Prolonged contact may cause redness, irritation and dry skin. Repeated exposure may cause skin dryness or cracking.

**Eye contact** May irritate eyes.

### SECTION 12: Ecological Information

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**Ecotoxicity** The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

**Toxicity** The product contains a substance which is toxic to bees.

#### 2(2-butoxyethoxy)ethyl 6-propylpiperonyl ether

##### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.1 < L(E)C<sub>50</sub> ≤ 1

M factor (Acute) 1

Acute toxicity - aquatic plants EC<sub>50</sub>, 48 hours: 3.89 mg/l, *Selenastrum capricornutum*

##### Chronic aquatic toxicity

M factor (Chronic) 1

#### tetramethrin

##### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.01 < L(E)C<sub>50</sub> ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 0.033 mg/l, *Brachydanio rerio* (Zebra Fish)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 0.47 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 1.36 mg/l, *Scenedesmus subspicatus*

##### Chronic aquatic toxicity

M factor (Chronic) 10

#### permethrin (ISO) m-phenylbenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate

##### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.001 < L(E)C<sub>50</sub> ≤ 0.01

M factor (Acute) 100

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 0.0089 mg/l, *Poecilia reticulata* (Guppy)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 0.32 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants EC<sub>50</sub>, 72 hours: 0.011 mg/l, *Scenedesmus subspicatus*

Acute toxicity - microorganisms EC<sub>50</sub>, 1000 hours: 1000 mg/l, Activated sludge

##### Chronic aquatic toxicity

M factor (Chronic) 1000

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**Chronic toxicity - aquatic invertebrates** NOEC, : 4.7 mg/l, Daphnia magna

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product has poor water-solubility.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Confirm disposal procedures with environmental engineer and local regulations.

**Disposal methods** Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 3082

**UN No. (IMDG)** 3082

**UN No. (ICAO)** 3082

**UN No. (ADN)** 3082

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT; KEROSENE

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT; KEROSENE

**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT; KEROSENE

**Proper shipping name (ADN)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT; KEROSENE

### 14.3. Transport hazard class(es)

**ADR/RID class** 9

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ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

## SECTION 15: Regulatory information

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

National regulations	HSE Approval Number: 7543
EU legislation	Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).



## Professional Fly Killer

**Guidance** Workplace Exposure Limits EH40.  
<http://echa.europa.eu>  
[www.hse.gov.uk](http://www.hse.gov.uk)  
Supplier Safety Data Sheets

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Issued by</b>	HS&E Manager.
<b>Revision date</b>	13/06/2016
<b>Revision</b>	1
<b>SDS number</b>	4853
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. 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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.