

## Safety Data Sheet for 71069 – Green Fleece Marker Spray

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

#### NAME OF MANUFACTURER/SUPPLIER:

Rumenco T/A NET-TEX Ltd  
Hoo Industrial Estate  
Vicarage Lane  
Hoo  
Rochester  
Kent  
ME3 9LB

BUSINESS TELEPHONE No: +44(0)1634 257150  
EMERGENCY TELEPHONE No: +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)

Email: [malcolm@technikraft.co.uk](mailto:malcolm@technikraft.co.uk)

PRODUCT NAME: Marksman Animal Marker Spray (All Colours)  
PRODUCT TYPE: Animal marking spray.

### 2. HAZARDS IDENTIFICATION

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

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

**Physical hazards** Aerosol 1 - H222, H229  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336  
**Environmental hazards** Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Pictogram



**Signal word** Danger

**Hazard statements**  
H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H412 Harmful 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.  
P261 Avoid breathing spray.  
P264 Wash contaminated skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/ doctor if you feel unwell.  
P321 Specific treatment (see medical advice on this label).  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents/ container in accordance with national regulations.  
P102 Keep out of reach of children.

**Contains**

hydrocarbons, C7, n-alkanes, acetone

**2.3. Other hazards**

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.2. Mixtures**

<b>butane</b> CAS number: 106-97-8 EC number: 203-448-7	<b>10-30%</b>
<b>Classification</b> Flam. Gas 1 - H220	
<b>hydrocarbons, C7, n-alkanes</b> CAS number: 64742-49-0 EC number: 927-510-4 REACH registration number: 01-2119475515-33-XXXX	<b>10-30%</b>
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	
<b>acetone</b> CAS number: 67-64-1 EC number: 200-662-2	<b>10-30%</b>
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	
<b>2-methoxy-1-methylethyl acetate</b> CAS number: 108-65-6 EC number: 203-603-9	<b>1-5%</b>
<b>Classification</b> Flam. Liq. 3 - H226	
<b>respirable crystalline silica</b> CAS number: 14808-60-7 EC number: 238-878-4	<b>&lt;1%</b>
<b>Classification</b> STOT RE 1 - H372	

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

## 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**

**General information** See Section 11 for additional information on health hazards.

**Inhalation** Vapours may cause drowsiness and dizziness.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Overexposure may cause the following adverse effects: Skin irritation. Dryness and/or cracking.

**Eye contact** This product is strongly irritating.

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

**Notes for the doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Extinguish with foam, carbon dioxide, dry powder or water fog.

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

#### **Specific hazards**

Extremely flammable aerosol. Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up.

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

#### **Protective actions during firefighting**

Containers close to fire should be removed or cooled with water. Bursting aerosol containers may be propelled from a fire at high speed.

#### **Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

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

For personal protection, see Section 8.

### **6.2. Environmental precautions**

Do not discharge into drains or watercourses or onto the ground.

### **6.3. Methods and material for containment and 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**

For waste disposal, see Section 13.

## 7. HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

#### **Usage precautions**

Use only in well-ventilated areas. Wear protective clothing as described in Section 8 of this safety data sheet.

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

#### **Storage precautions**

Keep away from heat, sparks and open flame. Do not expose to temperatures exceeding 50°C/122°F.

#### **Storage class**

Flammable compressed gas storage.

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

The identified uses for this product are detailed in Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

#### **Occupational exposure limits**

##### **butane**

Long-term exposure limit (8-hour TWA): WEL 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1810 mg/m<sup>3</sup>

##### **hydrocarbons, C7, n-alkanes**

Long-term exposure limit (8-hour TWA): WEL 2085 mg/m<sup>3</sup>

##### **acetone**

Long-term exposure limit (8-hour TWA): WEL 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 3620 mg/m<sup>3</sup>

##### **2-methoxy-1-methylethyl acetate**

Long-term exposure limit (8-hour TWA): WEL 274 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 548 mg/m<sup>3</sup>

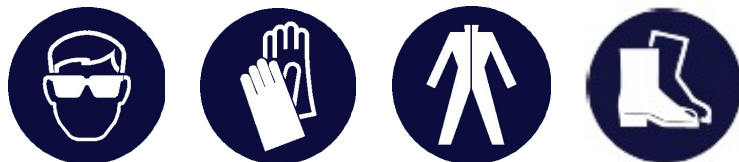
##### **respirable crystalline silica**

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup> respirable crystalline

WEL = Workplace Exposure Limit

### **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.

#### **Personal protection**

Do not eat, drink or smoke when using this product.

#### **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.

#### **Respiratory protection**

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Various colours.
<b>Odour</b>	Solvent.
<b>Melting point</b>	<0°C
<b>Initial boiling point and range</b>	<0°C
<b>Flash point</b>	< 0°C
<b>Flammability (solid, gas)</b>	Extremely flammable.
<b>Upper/lower flammability or explosive limits</b>	: 1.8 - 9.4% % by Vol
<b>Vapour pressure</b>	3 mbar @ 20°C 3 mbar @ 20°C
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the major ingredient.

### 9.2. Other information

None.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Not known.

### 10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Pressurised container: may burst if heated

### 10.5. Incompatible materials

#### **Materials to avoid**

Acids.

### 10.6. Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Oxides of nitrogen.

## 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.

#### **Skin contact**

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

#### **Eye contact**

This product is strongly irritating.

#### **Acute and chronic health hazards**

Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death. Arrhythmia (deviation from normal heart beat).

## 12. ECOLOGICAL INFORMATION

### **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**

No data available.

### **12.2. 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**

The product contains volatile substances which may spread in the atmosphere.

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

No data available.

### **12.6. Other adverse effects**

The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

## 13. DISPOSAL RECOMMENDATIONS

### **13.1. Waste treatment methods**

#### **General information**

Confirm disposal procedures with environmental engineer and local regulations.

#### **Disposal methods**

Empty containers must not be punctured or incinerated because of the risk of an explosion.

## 14. TRANSPORT INFORMATION

### **14.1. UN number**

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	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 classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1
Transport labels	



#### **14.4. Packing group**

Not applicable.

<b>ADR/RID packing group</b>	Not applicable
<b>IMDG packing group</b>	Not applicable
<b>ADN packing group</b>	Not applicable
<b>ICAO packing group</b>	Not applicable

#### **14.5. Environmental hazards**

##### **Environmentally hazardous substance/marine pollutant**

No.

#### **14.6. Special precautions for user**

<b>EmS</b>	F-D, S-U
<b>ADR transport category</b>	2
<b>Tunnel restriction code</b>	(D)

#### **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.

### 15. REGULATORY INFORMATION

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

**National regulations** HSE Approval Number: 4754

##### **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).  
Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (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).

##### **Guidance**

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

#### **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

### 16. OTHER INFORMATION

<b>Hazard statements in full</b>	H220 Extremely flammable gas.
	H222 Extremely flammable aerosol.
	H225 Highly flammable liquid and vapour.
	H226 Flammable liquid and vapour.
	H229 Pressurised container: may burst if heated
	H304 May be fatal if swallowed and enters airways.
	H315 Causes skin irritation.
	H319 Causes serious eye irritation.
	H336 May cause drowsiness or dizziness.
	H372 Causes damage to organs through prolonged or repeated exposure.
	H411 Toxic to aquatic life with long lasting effects.
	H412 Harmful to aquatic life with long lasting effects.

#### **Legal disclaimer:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product