

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: **BARRIER CREAM**

Article number: **R250**

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

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

Manufacturer/Supplier: Tygris Industrial  
Unit 31  
Kyle Road Industrial Estate  
Irvine  
Ayrshire  
KA12 8LE  
Tel +44 (0) 1294 311 066  
Fax +44 (0) 1294 277 115  
Email technical@tygrisindustrial.com

Further information obtainable from: Technical Department

1.4 Emergency telephone number: Tel +44 (0) 1294 311 066

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)	Physical and Chemical Hazards	Flam. Aerosol 1 - H222
	Human health	Not classified
	Environment	Not classified.

Classification (1999/45/EEC) F+;R12.

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

### 2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word: Danger

Hazard Statements: H222 Extremely flammable aerosol.

Precautionary Statements: P102 Keep out of reach of children.  
P261 Avoid breathing vapour/spray.

Supplementary Precautionary Statements: P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

### 2.3. Other hazards

### 3. Composition/information on ingredients

#### 3.2. Mixtures

ALCOHOL ETHOXYLATE CAS-No.: 68439-46-3 Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	1-5% EC No.: Classification (67/548/EEC) Xn;R22. Xi;R41.
BUTANE CAS-No.: 106-97-8 Classification (EC 1272/2008) Flam. Gas 1 - H220	1-5% EC No.: 203-448-7 Classification (67/548/EEC) F+;R12
ISOBUTANE CAS-No.: 75-28-5 Classification (EC 1272/2008) Flam. Gas 1 - H220	< 1% EC No.: 200-857-2 Classification (67/548/EEC) F+;R12
PROPANE CAS-No.: 74-98-6 Classification (EC 1272/2008) Flam. Gas 1 - H220	1-5% EC No.: 200-827-9 Classification (67/548/EEC) F+;R12

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>Ingestion</b>	Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues. Do not induce vomiting
<b>Eye contact</b>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

### 5. Firefighting measures

#### 5.1 Extinguishing Media

<b>Extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.
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#### 5.2. Special hazards arising from the substance or mixture

#### 5.3. Advice for firefighters

## 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** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### 6.4. Reference to other sections

## 7. Handling and storage

**7.1 Precautions for safe handling** Avoid contact with eyes.

**7.2. Conditions for safe storage, including any incompatibilities** Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store in accordance with the advice of insurers and/or relevant authority.

### 7.3. Specific end use(s)

## 8. Exposure controls/personal protection

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min	
BUTANE	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>
ISOBUTANE	WEL	800 ppm		800 ppm	
PROPANE		Asphyxiating	Asphyxiating	Asphyxiating	Asphyxiating

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

**Hygiene measures** No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

## 9. Physical and chemical properties

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

**Appearance** Aerosol. Foam.

**Colour** White.

**Odour** Characteristic.

**Solubility** Soluble in water.

### 9.2. Other information

## 10. Stability and reactivity

### 10.1. Reactivity

**10.2. Chemical stability** Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

**10.4. Conditions to avoid** Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

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

## 11. Toxicological information

### 11.1. Information on toxicological effects

**Ingestion** Gastrointestinal symptoms, including upset stomach.

**Eye contact** Irritating to eyes.

**Health Warnings** No specific health warnings noted

**Route of entry** Ingestion. Inhalation. Eye contact

## 12. Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## 13. Disposal considerations

**13.1. Waste treatment methods** Dispose of waste and residues in accordance with local authority requirements

## 14. Transport information

### 14.1. UN number

UN No. (ADR/RID/ADN) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

### 14.2. UN proper shipping name

Proper Shipping Name AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class 2

ADR/RID/ADN Class Class 2: Gases

ADR Label No. 2.1

IMDG Class 2.1

ICAO Class/Division 2.1

### Transport Labels



### 14.4. Packing group

ADR/RID/ADN Packing group Not applicable.

IMDG Packing group Not applicable.

ICAO Packing group Not applicable.

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



### 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

## 15. Regulatory information

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

<b>Uk Regulatory References</b>	Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
<b>Statutory Instruments</b>	The Control of Substances Hazardous to Health Regulations 2002. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
<b>Approved Code Of Practice</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>Guidance Notes</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

### 15.2. Chemical safety assessment

## 16. Other information

<b>Risk Phrases In Full</b>	R12 Extremely flammable. R22 Harmful if swallowed. R41 Risk of serious damage to eyes.
<b>Hazard Statements In Full</b>	H318 Causes serious eye damage. H222 Extremely flammable aerosol. H220 Extremely flammable gas. H302 Harmful if swallowed.

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