

# SAFETY DATA SHEET

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

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

#### 1.1. Product identifier

**Product name** Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles  
**Product number** 3333

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

**Identified uses** Anti-Mist Spray

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

**Supplier** Tru Tension Ltd  
 Sugnall Business Centre  
 Sugnall  
 Stafford  
 ST21 6NF  
 Tel: +44 (0) 1275 792114  
 chris@tru-tension.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1275 792114 (Hours 09:00 - 17:00 Mon to Fri)

### SECTION 2: Hazards identification

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

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

**Physical hazards** Flam. Liq. 2 - H225  
**Health hazards** Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H336  
**Environmental hazards** Not Classified

**Human health** Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.

**Environmental** The product is not expected to be hazardous to the environment.

**Physicochemical** The product is highly flammable. Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours may form explosive mixtures with air.

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Danger

**Hazard statements** H225 Highly flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H336 May cause drowsiness or dizziness.

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P243 Take action to prevent static discharges.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Supplemental label information</b>	RCH002b For professional users only.
<b>Contains</b>	PROPAN-2-OL, ANIONIC SURFACTANTS_6090, ANIONIC SURFACTANTS_2005/6090
<b>Supplementary precautionary statements</b>	<p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use non-sparking tools.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P330 Rinse mouth.</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>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>

### 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>PROPAN-2-OL</b>		<b>30-60%</b>
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-XXXX
<b>Classification</b>		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

<b>ANIONIC SURFACTANTS_6090</b>	<b>10-30%</b>
CAS number: —	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
<b>PROPANE-1,2-DIOL</b>	<b>5-10%</b>
CAS number: 57-55-6	EC number: 200-338-0
	REACH registration number: 01-2119456809-23-XXXX
<b>Classification</b> Not Classified	
<b>2-(2-BUTOXYETHOXY)ETHANOL</b>	<b>5-10%</b>
CAS number: 112-34-5	EC number: 203-961-6
	REACH registration number: 01-2119475104-44-XXXX
<b>Classification</b> Eye Irrit. 2 - H319	
<b>ANIONIC SURFACTANTS_2005/6090</b>	<b>5-10%</b>
CAS number: —	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur 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 promptly if symptoms occur after washing.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

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

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

### 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

**Suitable extinguishing media** Foam, carbon dioxide or dry powder.

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

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Use suitable respiratory protection if ventilation is inadequate.

**Advice on general occupational hygiene** Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame.

### 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

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

### Occupational exposure limits

#### **PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

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Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

#### **PROPANE-1,2-DIOL**

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

#### **2-(2-BUTOXYETHOXY)ETHANOL**

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### PROPAN-2-OL (CAS: 67-63-0)

##### **DNEL**

Workers - Dermal; Long term systemic effects: 888 mg/kg/day

Workers - Inhalation; Long term systemic effects: 500 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 319 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 89 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 26 mg/kg/day

##### **PNEC**

- Fresh water; 140.9 mg/l

- marine water; 140.9 mg/l

- Intermittent release; 140.9 mg/l

- STP; 2251 mg/l

- Soil; 28 mg/kg

- Sediment; 552 mg/kg

#### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

##### **DNEL**

Workers - Inhalation; Long term local effects: 7.5 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 10 mg/kg/day

Workers - Inhalation; Long term systemic effects: 5 mg/m<sup>3</sup>

Workers - Oral; Long term systemic effects: 1.3 mg/kg/day

Workers - Inhalation; Short term systemic effects: 5 mg/m<sup>3</sup>

Consumer - Inhalation; Short term local effects: 15 ppm

Consumer - Dermal; Long term systemic effects: 20 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 10 ppm

Consumer - Inhalation; Long term local effects: 5 ppm

##### **PNEC**

- Fresh water; 1 mg/l

- Sediment (Freshwater); 4 mg/kg

- Intermittent release; 3.9 mg/l

- Sediment (Marinewater); 0.4 mg/kg

- marine water; 0.1 mg/l

- STP; 200 mg/l

### 8.2. Exposure controls

#### **Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

<b>Hand protection</b>	The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
<b>Other skin and body protection</b>	Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.
<b>Respiratory protection</b>	No specific recommendations. 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>	Liquid.
<b>Colour</b>	No Information Available
<b>Odour</b>	Solvent.
<b>Odour threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	82 (82 to 230)°C @
<b>Flash point</b>	12°C Closed cup.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.9 % Upper flammable/explosive limit: 12.6 %
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	0.893
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	225°C
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	No information available.
<b>Oxidising properties</b>	No information available.

#### 9.2. Other information

<b>Other information</b>	None.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	No test data specifically related to reactivity available for this product or its ingredients.
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## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

### 10.2. Chemical stability

**Stability** The product may not be stable under some conditions of storage or use.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None at ambient temperatures.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 1,818.18

**Inhalation** May cause drowsiness or dizziness. Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.

**Ingestion** Harmful if swallowed.

**Skin contact** Causes skin irritation.

**Eye contact** Causes serious eye damage.

**Acute and chronic health hazards** No known chronic or acute health risks.

**Route of exposure** Ingestion Inhalation Skin and/or eye contact

### Toxicological information on ingredients.

#### PROPAN-2-OL

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,045.0

**Species** Rat

**ATE oral (mg/kg)** 5,045.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 12,800.0

**Species** Rabbit

**ATE dermal (mg/kg)** 12,800.0

##### Acute toxicity - inhalation

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

Acute toxicity inhalation  
(LC<sub>50</sub> vapours mg/l) 30.0

Species Rat

ATE inhalation (vapours  
mg/l) 30.0

### ANIONIC SURFACTANTS\_6090

#### Acute toxicity - oral

ATE oral (mg/kg) 500.0

### PROPANE-1,2-DIOL

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 20,000.0

Species Rat

ATE oral (mg/kg) 20,000.0

### 2-(2-BUTOXYETHOXY)ETHANOL

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg) 2,410.0

Species Mouse

ATE oral (mg/kg) 2,410.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg) 2,764.0

Species Rabbit

ATE dermal (mg/kg) 2,764.0

### ANIONIC SURFACTANTS\_2005/6090

#### Acute toxicity - oral

ATE oral (mg/kg) 500.0

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecological information on ingredients.

### PROPAN-2-OL

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC<sub>50</sub>, 48 hours: 13299 mg/l, Daphnia magna



## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: >1 mg/l, Desmodesmus subspicatus

### PROPANE-1,2-DIOL

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 40613 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: >4000 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 48 hours: 19000 mg/l, Scenedesmus subspicatus

### 2-(2-BUTOXYETHOXY)ETHANOL

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 101 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 96 hours: 101 mg/l, Scenedesmus subspicatus

#### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

#### 12.3. Bioaccumulative potential

**Partition coefficient** No information available.

#### 12.4. Mobility in soil

**Mobility** No data available

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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**Disposal methods** Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not pierce or burn, even after use.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

### SECTION 14: Transport information

#### 14.1. UN number

**UN No. (ADR/RID)** 1993

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

UN No. (IMDG)	1993
UN No. (ICAO)	1993
UN No. (ADN)	1993

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, N.O.S.
Proper shipping name (IMDG)	FLAMMABLE LIQUID, N.O.S.
Proper shipping name (ICAO)	FLAMMABLE LIQUID, N.O.S.
Proper shipping name (ADN)	FLAMMABLE LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

### Transport labels



### 14.4. Packing group

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

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	2
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

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

## SECTION 15: Regulatory information

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

## Tru Tension - Superior Anti-Fog Spray 75ml Pump Spray Bottles

### EU legislation

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).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision date</b>	21/04/2021
<b>Revision</b>	1
<b>SDS number</b>	8511
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H412 Harmful 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.