

# SAFETY DATA SHEET

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

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

#### 1.1. Product identifier

**Product name** Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles  
**Product number** 3100

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

**Identified uses** Lubricant.

#### 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** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

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

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

**Physicochemical** When handled correctly, undamaged units represent no danger.

#### 2.2. Label elements

**Hazard statements** NC Not Classified  
**Precautionary statements** P102 Keep out of reach of children.

#### 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>Non Hazardous Components</b>	<b>60-100%</b>
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CAS number: —

**Classification**  
 Not Classified

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

<b>Tungsten Disulfide</b>	<b>&lt;1%</b>
CAS number: 12138-09-9	EC number: 235-243-3
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
STOT SE 3 - H335	

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>	No specific recommendations.
<b>Inhalation</b>	No specific recommendations.
<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.

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

<b>General information</b>	See Section 11 for additional information on health hazards.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	When handled correctly, undamaged units represent no danger.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	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.
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### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Keep unnecessary and unprotected personnel away from the spillage.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains.
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#### 6.3. Methods and material for containment and cleaning up

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

**Methods for cleaning up** Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Take care as floors and other surfaces may become slippery.

### 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** 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

#### Occupational exposure limits

#### **WHITE MINERAL OIL (PETROLEUM)**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> mist

#### **ethyl acetate**

Long-term exposure limit (8-hour TWA): WEL 200 ppm

Short-term exposure limit (15-minute): WEL 400 ppm

#### **TOLUENE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 191 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 384 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### 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.

**Hand protection** 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.

**Other skin and body protection** Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

**Respiratory protection** 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

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

<b>Appearance</b>	Liquid.
<b>Colour</b>	Grey.
<b>Odour</b>	Not known.
<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>	No information available.
<b>Flash point</b>	>210°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>	Not known.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	0.920
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not known.
<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.
<b><u>9.2. Other information</u></b>	
<b>Other information</b>	None.

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

#### **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** None known.

#### **10.4. Conditions to avoid**

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

#### **10.5. Incompatible materials**

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

**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

**Inhalation** No significant hazard at normal ambient temperatures.

**Ingestion** No adverse effects known.

**Skin contact** No adverse effects known.

**Eye contact** No adverse effects known.

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

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

### Toxicological information on ingredients.

#### WHITE MINERAL OIL (PETROLEUM)

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,001.0

**Species** Rat

**ATE oral (mg/kg)** 5,001.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

##### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 5,201.0

**Species** Rat

**ATE inhalation (vapours mg/l)** 5,201.0

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecological information on ingredients.

#### WHITE MINERAL OIL (PETROLEUM)

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 400001 ppm, Oncorhynchus mykiss (Rainbow trout)

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

### 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN

#### Acute aquatic toxicity

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

M factor (Acute) 1

#### Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Non-rapidly degradable

M factor (Chronic) 1

### 4-METHYL-3-DECEN-5-OL

#### Acute aquatic toxicity

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

M factor (Acute) 1

#### 12.2. Persistence and degradability

Persistence and degradability No data available.

#### Ecological information on ingredients.

### WHITE MINERAL OIL (PETROLEUM)

Biodegradation - 50: 28 days

#### 12.3. Bioaccumulative potential

Partition coefficient No information available.

#### Ecological information on ingredients.

### WHITE MINERAL OIL (PETROLEUM)

Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Partition coefficient : < 1

#### 12.4. Mobility in soil

Mobility No data available

#### Ecological information on ingredients.

### WHITE MINERAL OIL (PETROLEUM)

Mobility The product is insoluble in water and will spread on the water surface.

#### 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**

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

### 13.1. Waste treatment methods

<b>General information</b>	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.
<b>Disposal methods</b>	No specific disposal method required.
<b>Waste class</b>	The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

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

No.

#### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

### SECTION 15: Regulatory information

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

<b>EU legislation</b>	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.
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#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

## Tru Tension - Tru Tension Tungsten Wet Lube 50ml Bottles

<b>Revision date</b>	17/06/2019
<b>Revision</b>	1
<b>SDS number</b>	7891
<b>Hazard statements in full</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

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.