



A British Lubricants Company

## SAFETY DATA SHEET

CLP – Regulation (EC) No.1272/2008

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### Tough Lube Bio – Aerosol

Product Code: BL-61012

#### 1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS

<b>Trade Name:</b>	<b>Tough Lube Bio</b>
<b>Company Identification:</b>	Brit-Lube Limited Units 2 & 3 Mayfield Industrial Estate Liverpool Road Irlam Manchester, M44 6GD Tel: +44(0)161 777 9970 Fax: +44(0)161 777 9980 info@brit-lube.com
<b>Type of product:</b>	Aerosol Spray
<b>Use:</b>	Lubricant

#### 2. HAZARDS IDENTIFICATION

**Classification under CLP:** Flam Aerosol 1: H222; Extremely Flammable Aerosol  
H229; Pressurised container may burst if heated

**Label elements:**

**Signal word:**

Danger

**Hazard Statements:**

H222; Extremely Flammable Aerosol  
H229; Pressurised container may burst if heated

**Pictograms:**

GHS02: Flame  
GHS07: Skin Irritant



**Precautionary statements:**

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50°C  
P251: Do not pierce or burn, even after use  
P210: Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. No smoking  
P211: Do not spray on an open flame or other sources of ignition  
P285: In case of inadequate ventilation wear respiratory protection.  
P501: Dispose of contents/ container to local / national regulations

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Description:**

Premium quality Bio-degradable grease and base oil and incorporating solid lubricating additives including graphite.

Hazardous Ingredients	EINECS	CAS No.	CLP Class	Percentage
Hydrocarbon Aerosols propellant	270-704-2	68476-85-7	Flam Gas 1: H220; Press Gas: H280	10-30 %

### 4. FIRST AID MEASURES

<b>Inhalation</b>	Use in a well ventilated area.
<b>Skin Contact</b>	Wash skin thoroughly with mild soap and water. Obtain medical attention if discomfort continues
<b>Eye Contact</b>	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
<b>Ingestion</b>	Do not induce vomiting. Obtain medical attention

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Alcohol resistant foam, Powder, Sand, carbon dioxide
<b>Unsuitable extinguishing media</b>	Do not use high pressure water
<b>Surrounding Fires</b>	Use water spray to cool containers
<b>Specific Hazards</b>	Under fire conditions, hazardous fumes will be present
<b>Protection for Fire-Fighters</b>	Do not enter fire area without Proper Protective Equipment, including respiratory equipment.
<b>Special procedures</b>	Exercise caution when entering any lubricant or chemical fire.

### 6. ACCIDENTAL RELEASE MEASURES

<b>General Precautions</b>	May be slippery if spilled. Remove from ignition sources. Do not breathe fumes or vapours from decomposition.
<b>Personal Precautions</b>	Avoid contact with skin and eyes. Clean up crews should wear proper protective equipment.
<b>Environmental Precautions</b>	Prevent entry to sewers and public water ways. Notify authorities if product enters sewers or public waters
<b>Clean up methods</b>	Absorb into dry earth or sand. Transfer into appropriate container.

### 7. HANDLING AND STORAGE

<b>GENERAL</b>	Ensure there is adequate ventilation. Avoid all unnecessary exposure to naked flames or potential fire risks. No Smoking.
<b>STORAGE</b>	Store in tightly sealed containers, away from heat, sparks, open flames. Store in cool, dry well ventilated areas.
<b>HANDLING</b>	Ensure prompt removal from eyes, skin, clothing. Wash hands and other exposed areas with mild soap and water before you eat, drink or smoke, leave work. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Hazardous Ingredients:

Name	Cas No.	TWA – 8 hrs	15 min. STEL
Hydrocarbon Aerosol Propellant	68476-85-7	1000ppm 1750mg/m <sup>3</sup>	1250ppm 2180 mg/m <sup>3</sup>

### PERSONAL PROTECTION

<b>Respiratory Protection</b>	No special respiratory protection equipment is recommended under normal conditions of use.
<b>Hand Protection</b>	Wear Barrier Cream, if repeated or prolonged contact wear protective clothes
<b>Skin Protection</b>	In the case of possible repeated skin contact wear protective clothing. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash if skin becomes contaminated. Remove any clothing that becomes contaminated
<b>Eye Protection</b>	Eye protection is only necessary where product could be splashed or sprayed
<b>Ingestion</b>	When using do not eat, drink or smoke

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state at 20°C</b>	Aerosol
<b>Colour</b>	Black
<b>Odour</b>	Characteristic
<b>Relative Density</b>	0.90 - 1.01
<b>Evaporation Rate</b>	Fast
<b>Oxidising</b>	Non Oxidising (EU Criteria)
<b>Solubility in Water</b>	Soluble in water
<b>Flash Point</b>	>200°C
<b>Biodegradability</b>	Readily Bio-Degradable

## 10. STABILITY AND REACTIVITY

<b>Hazardous decomposition products</b>	Combustion will generate smoke, carbon monoxide, carbon dioxide
<b>Hazardous reactions</b>	None under normal conditions.
<b>Hazardous properties</b>	None under normal conditions.
<b>Materials to avoid</b>	Strong oxidizing agents, strong acids, strong alkalis
<b>Conditions to avoid</b>	Naked flames, fires

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Not expected to prevent a significant inhalation hazard under anticipated conditions of normal use. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation and coughing
<b>Dermal</b>	Repeated or prolonged exposure may irritate skin.
<b>Ocular</b>	Spray and vapour in the eyes may cause irritation.
<b>Ingestion</b>	Gastrointestinal Irritation: Symptoms may include pain, stomach upset, nausea, vomiting & diarrhea.

## 12. ECOLOGICAL INFORMATION

<b>On Product</b>	Non Volatile. Prevent entry to sewers and public water ways.
<b>Ecological Effects</b>	Soluble in water, may spread in water systems
<b>Bio-accumulation</b>	Product is Readily Biodegradable

## 13. DISPOSAL CONSIDERATIONS

<b>General</b>	Dispose of in a safe manner in accordance with local/national regulations
<b>Disposal method</b>	In accordance with local/national regulations may be taken to waste disposal site.
<b>Disposal of used packaging</b>	Use a licensed waste disposal contractor.

## 14. TRANSPORT INFORMATION

<b>General Information</b>	UN1950
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## 15. REGULATORY INFORMATION

<b>Precautionary Phrase(s)</b>	P261 - Avoid breathing vapour P304 + P340 – If inhaled: remove victim to fresh air
<b>S Phrase(s)</b>	H222; Extremely Flammable Aerosol H229; Pressurised container may burst if heated
<b>Label Phrases</b>	Avoid contact with eyes. If in contact with eyes rinse immediately with plenty of water. Seek medical assistance if symptoms persist. Dispose of in accordance with local/ national regulations

## 16. OTHER INFORMATION

<b>Product Use:</b>	For Industrial use only. Lubricant
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The contents and format are in accordance with the following directives:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010 & Council Directive 75/324/EEC relating to Aerosol dispensers  
EC Directive 91/155/EEC defining the laying down and detailing of specific information relating to Dangerous Preparations Directive – 2001/58/EC.  
EC Directive 88/379/EEC relating to the classification, packaging and labeling of dangerous preparations.  
Compiled in accordance with REACH

### DISCLAIMER OF LIABILITY:

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This MSDS was prepared solely for the product stated and should not be used for any other product.

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