



# MATERIAL SAFETY DATA SHEET

Page: 1  
Revised Edition No. 5  
Date: 20/10/2014  
Supersedes: Edition 4

## FREEZE FREE AEROSOL

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

**Trade Name:** Freeze Free  
**Company Identification:** Mako-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@mako-lube.com](mailto:info@mako-lube.com)  
**Type of product:** Aerosol  
**Use:** Freeze Spray/ Release Agent

### 2. HAZARDS IDENTIFICATION

**Symptoms relating to use:** No significant Hazard – Non Flammable

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredients:** Tetrafluoroethane CAS: 000811-97-2 Not classified as hazardous

### 4. FIRST AID MEASURES

**Inhalation** Use in a well ventilated area.  
**Skin Contact** Spray or liquid splashes may cause skin burns. Unlikely to be hazardous by skin  
Absorption  
**Eye Contact** Wash out eye with plenty of water. Obtain medical attention immediately

### 5. FIRE FIGHTING MEASURES

**Prevention** This materials is non flammable  
**Extinguishing Media** N/A  
- **Unsuitable extinguishing media** N/A  
**Surrounding Fires** Use water spray to cool containers  
**Specific Hazards** N/A  
**Protection for Fire-Fighters** Do not enter fire area without Proper Protective Equipment, including respiratory equipment.  
**Special procedures** 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.
<b>Personal Precautions</b>	Avoid contact with skin and eyes. No Smoking. Clean up crews should wear proper 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>	Collect spill and put in 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 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 away from food, drink. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTION

<b>Respiratory Protection</b>	No special respiratory protection equipment is recommended under normal conditions of use, if used with adequate ventilation.
<b>Hand Protection</b>	Wear protective gloves
<b>Skin Protection</b>	In the case of possible repeated skin contact wear protective clothing
<b>Eye Protection</b>	Eye protection is only necessary where liquid could be splashed or sprayed
<b>Ingestion</b>	When using do not eat, drink or smoke

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Aerosol
<b>Colour</b>	Colourless
<b>Odour</b>	Odourless
<b>Oxidising</b>	Non Oxidising (by EC criteria)
<b>Evaporation Rate</b>	Fast
<b>Solubility in Water (vol/vol)</b>	Material insoluble in water
<b>Drop point</b>	N/A
<b>Flash Point</b>	N/A

## 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.
<b>Conditions to avoid</b>	Naked flames, fires. Temperatures in excess of 50 °C

## 11. TOXICOLOGICAL INFORMATION

Non -Toxic

## 12. ECOLOGICAL INFORMATION

<b>On Product</b>	Prevent entry to sewers and public water ways.
<b>Ecological Effects</b>	Not soluble in water, so only minimally bio-degradable

## 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>	Classification including: UN Class: 1950, ADR Class: 2, RID Class: 2, IMDG Class: 2, Un No. 1950, EmS:2-13, Labeling: 2.2 IATA Class: 2, UN No. 1950, Labeling: 2:2
----------------------------	--

## 15. REGULATORY INFORMATION

<b>Symbol(s)</b>	N/A
<b>R Phrase(s)</b>	N/A
<b>S Phrase(s)</b>	S23 – Do not breathe vapour /spray S51 – Use only in well ventilated areas Keep away from children Wear suitable protective clothing
<b>Precautionary Phrases</b>	Pressurized container: protect from sunlight, do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep out of reach of children.

## 16. OTHER INFORMATION

<b>Product Use:</b>	For Industrial use only. Rust Penetrant
---------------------	---

The contents and format are in accordance with the following directives:

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.

### 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.

END OF DOCUMENT.