

# SAFETY DATA SHEET

## BIO-DEGRADABLE LUBE PUMP SPRAY

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### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

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**PRODUCT NAME** BIO-DEGRADABLE LUBE PUMP SPRAY  
**PRODUCT NO.** IL61078, 163704  
**APPLICATION** Lubricant  
**SUPPLIER** MacDermid plc  
Palmer Street  
Bordesley  
Birmingham  
B9 4EU  
+44 (0) 121 606 8100  
**CONTACT PERSON** sdsuk@macdermid.com  
**EMERGENCY TELEPHONE** 24 Hour Emergency Incident Number +44 (0)208 762 8322

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### 2 HAZARDS IDENTIFICATION

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Not regarded as a health or environmental hazard under current legislation.

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

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#### COMPOSITION COMMENTS

This material is not classified as hazardous to Health or the Environment under current EU legislation.

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### 4 FIRST-AID MEASURES

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#### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Rinse nose, mouth and throat with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!

#### SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with water. Promptly remove clothing if soaked through and wash the skin with water. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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### 5 FIRE-FIGHTING MEASURES

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#### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam, carbon dioxide or dry powder.

#### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Beware, risk of formation of toxic and corrosive gases. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Beware, risk of formation of toxic and corrosive gases.

#### PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting. Wear full protective clothing.

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### 6 ACCIDENTAL RELEASE MEASURES

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# BIO-DEGRADABLE LUBE PUMP SPRAY

## PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. In case of inadequate ventilation, use respiratory protection. In case of spills, beware of slippery floors and surfaces.

## ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground. Avoid discharge to the aquatic environment.

## SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Runoff or release to sewer, waterway or ground is forbidden. Inform Authorities if large amounts are involved.

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## 7 HANDLING AND STORAGE

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### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Do not handle broken packages without protective equipment. Avoid eating, drinking and smoking when using the product. Observe good industrial hygiene practices.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep above the chemical's freezing point to avoid rupturing the container. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

### STORAGE CLASS

Chemical storage.

**MIN. STORAGE TEMP (°C)** 5

**MAX. STORAGE TEMP (°C)** 40

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

All handling to take place in well-ventilated area. Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Seek advice from supervisor on the companies' respiratory protection standards.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Nitrile gloves are recommended.

### EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

### OTHER PROTECTION

Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Use engineering controls to reduce air contamination to permissible exposure level.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove non-impervious clothing that becomes wet. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties. Eating, smoking and water fountains prohibited in immediate work area.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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<b>APPEARANCE</b>	Oily Liquid		
<b>COLOUR</b>	Amber		
<b>SOLUBILITY</b>	Insoluble in water Soluble in Organic solvents		
<b>RELATIVE DENSITY</b>	0.850 - 0.950 15°C	<b>VISCOSITY</b>	3.0 - 10.0 cSt 40°C

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## 10 STABILITY AND REACTIVITY

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### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

### MATERIALS TO AVOID

Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions. Fire or high temperatures create: Oxides of: Carbon.

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## 11 TOXICOLOGICAL INFORMATION

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### INHALATION

No specific health warnings noted.

### INGESTION

May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.

### SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation. Repeated exposure may cause skin dryness or cracking.

### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

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## 12 ECOLOGICAL INFORMATION

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### ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### WATER HAZARD CLASSIFICATION

WGK 1

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## 13 DISPOSAL CONSIDERATIONS

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### GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### DISPOSAL METHODS

Environmental manager must be informed of all major spillages. Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground. Do not allow runoffs! This chemical is toxic to organisms in water.

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## 14 TRANSPORT INFORMATION

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### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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## 15 REGULATORY INFORMATION

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### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

P13 Safety data sheet available for professional user on request.

# BIO-DEGRADABLE LUBE PUMP SPRAY

## EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

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## 16 OTHER INFORMATION

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**REVISION DATE** 19/05/2004

**REV. NO./REPL. SDS GENERATED** B

### SAFETY DATA SHEET STATUS

Approved.

**DATE** 29/03/2004

**SIGNATURE** SB

**SIGNATURE 2** RKR

## DISCLAIMER

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