

# SAFETY DATA SHEET

## BIO-DEGRADABLE LUBE PUMP SPRAY

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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#### 1.1. Product identifier

**Product name** BIO-DEGRADABLE LUBE PUMP SPRAY  
**Product No.** IL61078, 163704, #

#### 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** MacDermid Limited  
198 Golden Hillock Road  
Birmingham  
B11 2PN  
Tel: +44 (0) 121 606 8100  
**Contact Person** sdsuk@macdermid.com

#### 1.4. Emergency telephone number

24 Hour Emergency Incident Number +44 (0)1235 239 670 - NCEC (National Chemical Emergency Centre)

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### SECTION 2: HAZARDS IDENTIFICATION

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

**Classification (1999/45/EEC)** Not classified.

#### 2.2. Label elements

**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.

#### 2.3. Other hazards

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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#### 3.2. Mixtures

##### **Composition Comments**

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

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### SECTION 4: FIRST AID MEASURES

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#### 4.1. Description of first aid measures

##### **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.

# BIO-DEGRADABLE LUBE PUMP SPRAY

## 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.

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

## 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

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

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

#### Unusual Fire & Explosion Hazards

Beware, risk of formation of toxic and corrosive gases.

### 5.3. Advice for firefighters

#### 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.

#### Protective equipment for fire-fighters

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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.

### 6.2. Environmental precautions

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

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

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.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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 chemical hygiene practices.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

#### Storage Class

Chemical storage.

### 7.3. Specific end use(s)

Min. Storage Temp (°C)	5
Max. Storage Temp (°C)	40

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

# BIO-DEGRADABLE LUBE PUMP SPRAY

## 8.2. Exposure controls

### 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 hands 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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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1. Information on basic physical and chemical properties

Appearance	Oily Liquid
Colour	Amber.
Solubility	Insoluble in water Soluble in: Organic solvents
Relative density	0.850 - 0.950 15°C
Viscosity	3.0 - 10.0 cSt 40°C

### 9.2. Other information

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## SECTION 10: STABILITY AND REACTIVITY

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### 10.1. Reactivity

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

#### Materials To Avoid

Strong oxidising substances.

### 10.6. Hazardous decomposition products

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

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## SECTION 11: TOXICOLOGICAL INFORMATION

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# BIO-DEGRADABLE LUBE PUMP SPRAY

## 11.1. Information on toxicological effects

### **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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## SECTION 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.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

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## SECTION 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.

### 13.1. Waste treatment 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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## SECTION 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).

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

# BIO-DEGRADABLE LUBE PUMP SPRAY

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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### SECTION 15: REGULATORY INFORMATION

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

##### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

##### **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.

##### **EU Legislation**

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). Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

##### **Water hazard classification**

WGK 1

#### 15.2. Chemical Safety Assessment

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### SECTION 16: OTHER INFORMATION

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<b>Revision Date</b>	19/05/2004
<b>Revision</b>	B
<b>Safety Data Sheet Status</b>	Approved.
	29/03/2004
<b>Signature</b>	SB
<b>Signature 2</b>	RKR
<b>Risk Phrases In Full</b>	
NC	Not classified.

#### Disclaimer

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