



# MATERIAL SAFETY DATA SHEET

29<sup>th</sup> March 2017

## BIRD BRAND FUNGICIDAL WASH

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

#### 1.1 Product identifier

Product name                                    **BIRD BRAND FUNGICIDAL WASH**

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

#### 1.3 Details of the supplier of the safety data sheet

Company name                                R.K. & J.Jones Ltd  
    Southery Road  
    Feltwell  
    Thetford  
    Norfolk, IP26 4EH.

Tel:    01842 828101  
Email:    [sales@birdbrand.co.uk](mailto:sales@birdbrand.co.uk)

#### 1.4 Emergency telephone number

Emergency tel:                                **01223 968282**

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification under CLP:                Eye Irrit.2: H319, Skin Irrit.2: H315  
Most important adverse  
Effects:    Causes skin irritation. Causes serious eye irritation.

#### 2.2 Label elements

Hazard statements                            H315: Causes skin irritation  
    H319: Causes serious eye irritation  
Signal words                                    Warning  
Hazard pictograms                            GHS07: Exclamation mark



**Precautionary statements:** P264: Wash hands thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+353: IF ON SKIN: Wash with plenty of water  
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.  
 P321: Specific treatment (see instructions on label)  
 P332+313: If skin irritation occurs: Get medical attention.

### 2.3 Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### **Hazardous ingredients:**

PROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%

DI-N-DECYL DIMETHYLAMMONIUM CHLORIDE

-	1C312	-	Acute Tox. 4: H302; Aquatic Acute 1: H400; Flam. Liq. 3: H226; Skin Corr. 1B: H314	1-10%
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## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

**Skin contact** Wash immediately with plenty of soap and water.  
**Eye contact** Bathe the eye with running water for 15 minutes  
**Ingestion** Wash out mouth with water  
**Inhalation** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact** There may be mild irritation at the site of contact  
**Eye contact** There may be irritation and redness  
**Ingestion** There may be soreness and redness of the mouth and throat.  
**Inhalation** No symptoms

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

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media

**Extinguishing Media:** Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Water fog.

**5.2 Special hazards arising from the substance or mixture****5.3 Advice for fire fighters**

**Advice for fire-fighters**      Wear self- contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

**Personal Precautions:**      Refer to section 8 of SDS for personal protection details.

**6.2 Environmental precautions**

**Environmental precautions**    Do not discharge into drains or rivers

**6.3 Methods and material for containment and cleaning up**

**Clean up procedures**      Absorb into dry earth or sand

**6.4 Reference to other sections****SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

**Handling requirements**      Ensure there is sufficient ventilation of the area

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage conditions**      Store in a cool, well ventilated area  
**Suitable packaging**      Must only be kept in original packaging

**7.3 Specific end use(s)****SECTION 8: CONTROL PARAMETERS**

**Hazardous ingredients:**

**PROPAN-2-OL**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-

**DNEL/PNEC Values**

**DNEL/PNEC**      No data available

**8.2 Exposure controls**

**Engineering measures**      Ensure there is sufficient ventilation of the area  
**Respiratory protection**      Respiratory protective device with particle filter  
**Hand protection**      Protective gloves  
**Eye protection**      Safety goggles  
**Skin Protection**      Protective clothing. Boots

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.****9.1 Information on basic physical and chemical properties**

State	Liquid
Colour	Colourless
Odour	Odourless
Solubility in water	Miscible in all proportions
Viscosity	Non-viscous

**9.2 Other information**

Other information No data available

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

Reactivity Stable under recommended transport for storage conditions

**10.2 Chemical stability**

Chemical stability Stable under normal conditions

**10.3 Possibility of hazardous reactions**

Hazardous reactions Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions to avoid****10.5 Incompatible materials****10.6 Hazardous decomposition products**

Hazardous decomp products No data available

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Hazardous ingredients:****PROPAN-2-OL**

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

**DI-N-DECYL DIMETHYLAMMONIUM CHLORIDE**

DERMAL	RAT	LD50	>2000	mg/kg
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ORAL	RAT	LD50	658	mg/kg
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**Relevant hazards for substance:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms/routes of exposure**

<b>Skin contact</b>	There may be mild irritation at the site of contact
<b>Eye contact</b>	There may be irritation and redness
<b>Ingestion</b>	There may be soreness and redness of the mouth and throat
<b>Inhalation</b>	No symptoms

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity****Hazardous ingredients****DI-N-DECYL DIMETHYLAMMONIUM CHLORIDE**

Daphnia magna	48H EC50	0.06	mg/l
GREEN ALGA (Selenastrum capricornutum)	96H ErC50	0.12	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	0.97	mg/l

**12.2 Persistence and degradability**

**Persistence and degradability** Biodegradable

**12.3 Bio-accumulative potential**

**Bio-accumulative potential** No bioaccumulation potential.

**12.4 Mobility in soil**

**Mobility** Soluble in water

**12.5 Results of PBT and vPvB assessment**

**PBT identification** This product is not identified as a PBT/vPvB substance

**12.6 Other adverse effects****SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB.** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**SECTION 14: TRANSPORT INFORMATION**

**Transport class** This product does not require a classification for transport

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2 Chemical Safety Assessment**

**SECTION 16: OTHER INFORMATION****Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H400: Very toxic to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

**Disclaimer**

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 use.