

SAFETY DATA SHEET

Downland - TOTAL FARM DISINFECTANT

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Downland - TOTAL FARM DISINFECTANT
PRODUCT NO. R067 DO
APPLICATION Acidic based Iodine Disinfectant for animal hygiene
SUPPLIER Downland Marketing Ltd
 15 Victoria Place
 Carlisle
 Cumbria
 CA1 1EW
 0870-9-10-11-12

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALCOHOL (C9-11) ETHOXYLATE (8EO)		68439-46-3	20-25%	Xn;R22. Xi;R41.
SULPHURIC ACID ...%	231-639-5	7664-93-9	5-10%	C;R35
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	5-10%	C;R34
IODINE	231-442-4	7553-56-2	1-5%	Xn;R20/21 N;R50

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Causes burns.

CLASSIFICATION C;R34.

4 FIRST-AID MEASURES

INHALATION

Not relevant. Inhalation unlikely.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

If involved in fire, may emit noxious fumes.

PROTECTIVE MEASURES IN FIRE

Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear suitable protective clothing, gloves and eye/face protection.

ENVIRONMENTAL PRECAUTIONS

Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

Downland - TOTAL FARM DISINFECTANT

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Wear suitable protective clothing, gloves and eye/face protection.

STORAGE PRECAUTIONS

Store in a cool place away from light. Keep in original container. Keep containers tightly closed. Store away from hypochlorite and other oxidising agents.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3
IODINE	WEL			0.1 ppm	1.1 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Must not be handled in confined space without sufficient ventilation.

RESPIRATORY EQUIPMENT

None required.

HAND PROTECTION

Polyvinyl chloride (PVC).

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear suitable protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Clear Dark brown.		
ODOUR	Faint surfactant / Iodine		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	102	MELTING POINT (°C)	-2
RELATIVE DENSITY	1.170 @ 20 °C	pH-VALUE, CONC. SOLUTION	0
FLASH POINT (°C)	Boils without flashing		

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

MATERIALS TO AVOID

Aluminium, Tin, Zinc and their alloys. Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas. Oxidising agents as Iodine vapour may be evolved.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Refer to section 3.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Potentially hazardous due to the acidity of the product.

BIOACCUMULATION

Completely soluble. No bioaccumulation.

Downland - TOTAL FARM DISINFECTANT

DEGRADABILITY

Surfactant is readily broken down by effluent treatment process.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphuric acid & phosphoric acid, liquid)		
UN NO. ROAD	3264	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	II	RID CLASS NO.	Class 8: Corrosive substances.
RID PACK GROUP	II	UN NO. SEA	3264
IMDG CLASS	Class 8: Corrosive substances.	IMDG PACK GR.	II
MARINE POLLUTANT	No.	UN NO. AIR	3264
ICAO CLASS	Class 8: Corrosive substances.	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS

SULPHURIC ACID 9.55%
PHOSPHORIC ACID 9.5355%

RISK PHRASES

R34 Causes burns.

SAFETY PHRASES

S2 Keep out of the reach of children
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S50A Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.
S35 This material and its container must be disposed of in a safe way.

ENVIRONMENTAL LISTING

Control of Pollution (Special Waste) Regulations 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC. As amended by Directive 93/112/EC and 2001/58/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. 2005

APPROVED CODE OF PRACTICE

The compilation of safety Data Sheets L130.

Downland - TOTAL FARM DISINFECTANT

GUIDANCE NOTES

Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

16 OTHER INFORMATION

INFORMATION SOURCES

Approved Supply List - HSC. Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

Change due to CHIP 3.1 (2005) OES or MEL replaced by WEL in section 8. Sulphuric Acid no longer has an exposure limit (change to section 8).

REVISION DATE 01/11/05

REV. NO./REPL. SDS Issue 2

GENERATED

RISK PHRASES IN FULL

R20/21	Harmful by inhalation and in contact with skin.
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.