

# **DIRECTA**

## **ESSENTIALS FOR INDUSTRY**

Tel: 01621 828882

[www.directa.co.uk](http://www.directa.co.uk)

### **TECHNICAL DATA SHEET**

**PRODUCT:** Loobrite – Toilet Descaler

Our Ref: ZLOOBRITE

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

**Directa (UK) Ltd** Cold Norton, Essex, CM3 6UA. Tel: 01621 828882. Fax: 01621 828072

### **LOOBRITE**

Formulated Toilet & Urinal Descaler

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#### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

Cas No	EINECS No.			
7647-01-0	231-595-7	Hydrochloric acid (OES)	C: R34-37	(15-25%)

Full text of R-phrases is given in section 16.

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#### **3. HAZARD IDENTIFICATION**

Irritant – irritating to eyes, respiratory system and skin. This product contains a material with an OES/MEL published in HSE document EH40

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#### **4. FIRST AID MEASURES**

Eyes:	Rinse immediately with plenty of water, holding the eyelids open and seek medical advice.
Inhalation:	Remove from source of vapour or spray mist and seek medical advice.
Skin:	Wash thoroughly, remove contaminated clothing and wash before re-use.
Ingestion:	Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting

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#### **5. FIRE FIGHTING MEASURES**

NON-FLAMMABLE – In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers. May evolve toxic fumes if involved in a fire. Fire fighters should wear self-contained breathing apparatus.

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#### **6. ACCIDENTAL RELEASE MEASURES**

Wear suitable gloves and eye/face protection. Hose away with plenty of water diluting to at least 5% w/v (50g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

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#### **7. HANDLING & STORAGE**

Avoid contact with skin and eyes. Do not breathe in fumes. Do not mix with chlorine release agents or sodium hypochlorite.

Store upright in original closed containers in a cool place. Keep away from chlorine release agents and sodium hypochlorite.

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#### **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

<b>Hand:</b>	Use gloves resistant to acids
<b>Eyes:</b>	Protection is normally only required in the event of a spillage or during product disposal, in which event use eye/face protection to prEN 166 3 (chemical liquids)
<b>Skin:</b>	Wear normal work wear overalls or coat.
<b>Respiration:</b>	When the product is used as directed, personal protective equipment is not required unless a risk assessment indicates the need for it.

**OES/MEL:** Hydrochloric Acid:  
O.E.S 8.0 mg/cu.m 15 min STEL  
O.E.S 2.0 mg/cu.m 8 hour TWA

Ref. HSE publication EH40

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## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Pink non viscose liquid	
pH:	<2	Solubility; Fully miscible in water
Flammability	Non flammable	
Density:	Typically 1.115	

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## 10. STABILITY & REACTIVITY

Keep away from alkalis. Keep away from chlorine release agents and sodium hypochlorite. (bleach). Contact with chlorine release agents and sodium hypochlorite (bleach) liberates toxic chlorine gas. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

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## 11. TOXICOLOGICAL INFORMATION

Eyes:	Can be severely irritant.
Skin:	Irritant
Inhalation:	Irritant
Ingestion:	Severely irritant

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## 12. ECOLOGICAL INFORMATION

Ingredients according to EC 89/542

Less than 5% : Non-ionic surfactants.

The surfactants used in this product are biodegradable in line with the requirements of EC Directives 73/404/EEC and 73/405/EEC, and their subsequent amendments.

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## 13. DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 5% w/v (50 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.

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## 14. TRANSPORT INFORMATION

EEC Regulation	Not regulated
IMDG/UN:	Not regulated
RID/ADR:	Not regulated
ICAO/IATA:	Not regulated

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## 15. REGULATORY INFORMATION

Hazard symbol:	Xi IRRITANT
Risk phrases:	Irritating to eyes, respiratory system and skin
Safety phrases:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	Hydrochloric Acid:
	O.E.S 8.0mg/cu.m 15 min STEL
	O.E.S 2.0 mg/cu.m 8 hour TWA

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## 16. OTHER INFORMATION

Handle and apply only as recommended. For full information see product information sheet.

Internal Ref. Change to format of SDS

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## WARRANTY

This product is sold only on the understanding that DIRECTA (UK) LTD accepts no liability whatsoever for any loss, injury or damage direct or indirect for any purpose other than that recommended by DIRECTA (UK) LTD or if the product is not used strictly in accordance with the instructions and/or directions issued with the product