



Safety Data Sheet

Brick Cleaner

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY			
Product Name	Brick Cleaner		
Address / Phone Number	Delf (UK) Ltd Unit 2 Hickmans Road Birkenhead Wirral CH41 1JH Tel: (00 44) 151 630 0405 Fax: (00 44) 151 630 0406 E-mail: info@delf-uk.com		
Emergency Phone Number	IN AN EMERGENCY DIAL LOCAL EMERGENCY SERVICES		
2. COMPOSITION / INFORMATION			
Product Description	A powerful Acid based brick cleaner with additional Polymers to prevent re-deposition.		
Alternative Names	None.		
Hazardous Ingredient(s)	Hydrochloric Acid.		
3. HAZARDS IDENTIFICATION			
Most Important Hazard	Irritating to eyes.		
4. FIRST AID MEASURES			
Inhalation	Fumes may irritate respiratory tract and cause burns. Wash nose and mouth out with water. Remove from exposure, rest and keep warm. In severe cases or if recovery is not rapid or complete seek medical attention.		
Skin Contact	Wash affected area with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.		
Eye Contact	Rinse immediately with plenty of water for at least 10 minutes and seek medical advice.		
Ingestion	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give 200-300ml water to drink. Seek medical advice.		
5. FIRE FIGHTING MEASURES			
<i>Not Combustible</i>			
Extinguishing Media	Normal extinguishing media.		
Fire Fighting Protective Equipment.	Suitable protective clothing should be worn in fire conditions.		
6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions	See exposure controls / personal protection (section 8).		
Small Spillages	Wash the spillage area to drain with plenty of water.		
Large Spillages	Avoid raising dust. Where possible, sweep up and shovel into a suitable container for reuse or disposal (see Disposal Considerations – Section 13). Flush area to drain with plenty of water.		
Environmental Precautions	Spillages or uncontrolled discharges into watercourses, drains or sewers must be reported immediately to the Environment Agency, local water company or other appropriate regulatory bodies.		
7. HANDLING AND STORAGE			
Handling	Good general ventilation. LEV may be required in dusty environments. Avoid contact with eyes.		
Storage	Keep containers dry avoid extremes of temperature. Shelf life (unopened) approximately 1 year.		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
Personal Protective Equipment	Wear rubber or PVC gloves, suitable dust masks, and safety glasses.		
Occupational Exposure Limits	Product	Long Term Exposure Limit (8 hr TWA)	Short Term Exposure Limit (15 Min)
	Not applicable	Not applicable	Not applicable
9. CHEMICAL AND PHYSICAL PROPERTIES			
Appearance	White or colourless powder/crystals.		
Odour	Mild.		

Solubility	67.6% w/w soluble in water @ 25°C.	
Specific Gravity	1.542 g/ml	
pH	1.85, 5% solution @ 25°C	
10. STABILITY AND REACTIVITY		
Stability	Stable under normal conditions.	
Conditions to avoid	Avoid dust formation.	
Materials to avoid	Strong bases and oxidising agents.	
Hazardous Decomposition Product(s)	Oxides of carbon.	
11. TOXICOLOGICAL INFORMATION		
Skin Contact	Prolonged contact may cause drying and cracking of skin.	
Eye contact	Repeated and / or long-term contact may lead to persistent effects in the eyes.	
Ingestion	May cause nausea.	
	LD ₅₀ 11700 mg/Kg (Oral-rat)	
12.ECOLOGICAL INFORMATION		
Persistence and Degradation	98% Biodegradable after 2 days. COD 665mg O ₂ /g; BOD ₅ 481 O ₂ /g.	
Aquatic Toxicity	LC ₅₀ , 96hr, goldfish = 440-706 mg/l.	
Effect on Effluent Treatment	Not known.	
13. DISPOSAL CONSIDERATIONS		
Waste	Small amounts may be hosed away with water. Larger quantities may only be disposed in accordance with Local Authority regulations.	
14. TRANSPORT INFORMATION		
UN Transport Name	Non-hazardous for transport.	
UN No.	Not applicable.	
UN Primary Class	Not applicable.	
UN Packaging Group	Not applicable.	
Transport Hazard Symbol	Not applicable.	
Packaging	5 Litre and 25 Litre HDPE containers.	
Normal Carriage Temperature	Ambient.	
15. REGULATORY INFORMATION		
Label Name	Citric Acid.	
Symbols	Irritant.	
Risk Phrases	R36	Irritating to eyes.
Safety Phrases	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
E.C. No.	201-069-1.	
16. OTHER INFORMATION		
2002	Control of Substances Hazardous to Health Regulations.	
2004	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.	
2002	Chemical (Hazard Information and Packaging for supply) Regulations.	
	EH40 Occupational Exposure Limits.	
Legal Disclaimer	The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. For further details see Delf (UK) Ltd. conditions of sale (additional copies of this are available on request).	
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