



Regus House  
Southampton International Business Park,  
George Curl Way, Southampton  
SO18 2RZ

## MATERIAL SAFETY DATA SHEET

### UNIVERSEAL Grout Restorer

#### Section I – Product Identity

Product Name	Universeal Grout Restorer
Product Type	Cleaner & Stain Remover
Prepared By	Universeal Product Agencies Ltd.
Date Issued	13/03/08

#### Section II – Hazardous Components/Composition Information

INGREDIENTS	CAS NO	WT%	HEALTH	RISK
sodium metasilicate	6834-92-0	5-20	Xi	36/38
Glycol ether	111-76-2	5-20	Xn	20/21/22 38

#### Section III - Hazards Identification

HUMAN HEALTH HAZARDS	irritant to eyes and skin
ENVIRONMENTAL HAZARDS	

#### Section IV - FIRST AID MEASURES

EYES	Rinse immediately with plenty of water and seek medical advice.
INGESTION	Do not induce vomiting. Drink plenty of water.
SKIN	Remove all contaminated clothing. Wash immediately with plenty of water. If irritation persists seek medical advice.
INHALATION	Remove to fresh air. If breathing problems occur seek medical advice.

#### Section V - FIRE FIGHTING MEASURES

EXTINGUISHER	Compatible with all standard fire fighting techniques.
UNSUITABLE EXTINGUISHER	
HAZARDS	
PROTECTIVE EQUIPMENT	As for personal protection.

#### Section VI - ACCIDENTAL RELEASE MEASURES

SPILLAGE CLEANUP	Wash away to drain with plenty of water. Contain and absorb with sand or earth.
PERSONAL PRECAUTIONS	As for 'exposure controls - personal protection'.
ENVIRONMENTAL	For large spillages collect for disposal. Inform local authorities for advice

## Section VII - HANDLING AND STORAGE

<b>HANDLING</b>	As for 'exposure controls - personal protection'.
<b>STORAGE</b>	Store in original containers under dry conditions. Avoid extremes of temperature.

## Section VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>EXPOSURE CONTROL</b>	OES-LTEL = 3mg/m-3 OES - STEL = <2mg.m-3
<b>RESPIRATORY</b>	No special requirements. Good ventilation is normally sufficient.
<b>SKIN</b>	Rubber or PVC gloves.
<b>EYES</b>	Eye goggles or a face shield.

## Section IX - PHYSICAL & CHEMICAL PROPERTIES

<b>APPEARANCE</b>	clear liquid
<b>ODOUR</b>	slight.
<b>pH (1% solution)</b>	11-12
<b>BOILING POINT (C)</b>	100
<b>MELTING POINT (C)</b>	N/A
<b>EXPLOSIVE PROPERTIES</b>	N/A
<b>AUTO IGNITION TEMP</b>	N/A
<b>FLASH POINT (C)</b>	N/A
<b>SPECIFIC GRAVITY</b>	1.1
<b>VISCOSITY (cP e)</b>	1-10
<b>SOLUBILITY IN WATER</b>	soluble

## Section X - STABILITY AND REACTIVITY

<b>STABILITY</b>	stable
<b>MATERIALS TO AVOID</b>	Acids acid anhydrides.
<b>CONDITIONS TO AVOID</b>	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	

## Section XI - TOXICOLOGICAL INFORMATION

<b>EYES</b>	Irritation leading to burns.
<b>SKIN</b>	Irritation leading to burns. Possible dermatitis.
<b>INGESTION</b>	Concentrate may cause burning of the throat and possible damage to internal organs.
<b>INHALATION</b>	Mist may cause coughing choking and respiratory difficulties.
<b>OTHER</b>	Health problems are greatly reduced when product is diluted and used as directed.

## Section XII - ECOLOGICAL INFORMATION

<b>MOBILITY</b>	Mobile
<b>DEGRADABILITY</b>	All surfactants are readily degradable.
<b>BIO-ACCUMULATION</b>	No evidence of bio-accumulation or tainting of seafood (4)
<b>AQUATIC TOXICITY</b>	LC50 96 hr 100-1000mg/L (4) (pure sodium metasilicate)

### Section XIII - DISPOSAL

<b>MATERIALS</b>	Contain and absorb with sand or earth.
<b>PACKAGING</b>	Can be recycled after thorough rinsing.
<b>OTHER</b>	Dispose of any hazardous waste in accordance with waste disposal or water authority regulations.

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### Section XIV - TRANSPORT INFORMATION

<b>UN NO</b>	
<b>ADR/RID</b>	
<b>HAZCHEM CODE</b>	not classified as hazardous for transportation
<b>IMDG CLASS</b>	
<b>IMDG PAGE</b>	

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### Section XV - REGULATORY INFORMATION

<b>CLASSIFICATION</b>	Irritant.
<b>RISK PHRASES</b>	R36/38 Irritating to eyes and skin.
<b>SAFETY PHRASES</b>	S2 keep out of reach of children. S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice. S28 After contact with skin wash immediately with plenty of water. S37/39 Wear suitable gloves and eye face protection.
<b>OTHER INFO</b>	

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### Section XVI - OTHER INFORMATION

Read the label before opening the container.
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