

SAFETY DATA SHEET

Microscrub™

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Microscrub™

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

1.3 Details of the supplier of the safety data sheet
All for Stone Ltd.
4 Gardd Y Gwanwyn
Northrop Hall
Mold
Flintshire
CH7 6GA
Mold, Wales, U.K.
Tel: + 44 (0)1244 819939
E mail: info@celtexagencies.co.uk

1.4 Emergency telephone number

Tel. + 44 (0)1244 819939 (during office hours 08:00 to 17:00)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Dangerous Preparations Directive 1999/45/EC
Not classified as hazardous

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008
Not classified as hazardous

2.2 Label elements

Labelling in accordance with the Dangerous Preparations Directive 1999/45/EC
No label required

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008
No label required

2.3 Other hazards
None known.

SECTION 3: Composition

3.1 Substances

No applicable – product is a mixture.

3.2 Mixtures

Name	CAS No	Concentration	Classification
Calcium Carbonate	1317-65-3	10-30	Not classified as hazardous
Water and other ingredients. The other ingredients are each present in less than 1 percent concentration in this product.		Balance	The components present in the balance of this product do not contribute any significant, additional hazards

See section 16 for full description of R phrases and H statements.

SECTION 4: First Aid Measures**4.1 Description of first aid measures**

EYE CONTACT: Wash thoroughly with water and obtain medical attention if signs of discomfort.

INHALATION: Remove from exposure. If breathing becomes difficult call a doctor.

SKIN CONTACT: Wash off with soap and water. Seek medical attention if irritation occurs. Wash contaminated clothing before re-use.

INGESTION: If swallowed, rinse mouth with water. Do not induce vomiting. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

EYES: Mild irritation - redness, stinging, tearing (watering) of eyes

INHALATION: Irritation of nose and throat, cough, breathing difficulties

SKIN: Redness, irritation. On prolonged/repeated exposure, dryness, cracking.

INGESTION: Discomfort, nausea, vomiting.

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

SECTION 5: Firefighting Measures**5.1 Extinguishing media**

Not combustible. Use extinguishing media appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Use water spray to keep fire exposed containers cool.

5.3 Advice for fire fighters

Fire fighters should wear structural fire-fighting gear and self-contained breathing apparatus.

SECTION 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Isolate the spill area and keep unnecessary personnel away. Remove all ignition sources. Ensure adequate ventilation. Wear suitable protective clothing including gloves and eye protection. See section 8 for further details. Caution – spill area may be slippery.

6.2 Environmental precautions

Prevent further leakage or spillage. Keep away from drains, surface and ground-water and soil. If large quantity of product does enter waterways or sewerage system, inform appropriate authorities.

6.3 Methods and materials for containment and clearing up

SMALL SPILLS: Spills of up to 1 litre can be absorbed in a non-combustible absorbent, e.g. sand or vermiculite, and place in a suitable container and label for disposal.

LARGE SPILLS: Contain spill and cover if possible to prevent spreading of spilled material. Absorb spilled liquid with suitable material such as dirt or sand. Place in appropriate container and label for disposal.

Wash spill site thoroughly with water and detergent. Diluted washings may be discharged into foul-water systems leading to waste water treatment plants.

6.4 References to other sections

See section 8 for further advice on protective equipment and section 13 for further advice on disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Open containers slowly, on a stable surface. Avoid contact with skin and eyes. Do not breathe sprays or mists. Use only in a well-ventilated location. As with any chemical, employees should thoroughly wash hands with soap and water after handling this material. Do not eat or drink while handling this material.

7.2 Conditions for safe storage, including any incompatibilities

Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Store containers away from incompatible chemicals. Keep container tightly closed when not in use. Keep out of the reach of children.

7.3 Specific end uses(s)

No specific precautions.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

Substance	8 hour exposure limit	15 minute exposure limit	Source, Type
Calcium carbonate Inhalable dust	10 mg/m ³		EH40, 2007
Respirable dust	4 mg/m ³		

8.2 Exposure controls

Engineering controls

Normal room ventilation is usually adequate.

Respiratory protection

Not normally required. If adequate ventilation is unavailable, use approved air-purifying respirator with organic vapour cartridge or canister.

Hand Protection

Wear suitable chemical resistant gloves. Change gloves in accordance with manufacturer's recommendations. If gloves are damaged during use, remove immediately and wash hands before replacing with new gloves.

Eye protection

Wear safety glasses or goggles giving protection against liquid droplets/splashes.

Skin protection

Coveralls recommended. These should be changed after use or if contaminated. Wash before re-use.

Environmental exposure controls

When handling small quantities (less than 1 litre), no special precautions required. If handling bulk material, precautions should be taken to avoid accidental release to water courses.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Opaque white liquid
Odour:	Slight
Odour threshold:	No data
pH:	8.5
Melting point:	Similar to water
Boiling point:	Similar to water
Flashpoint:	>100°C
Evaporation rate:	Similar to water
Flammability (solid, gas):	Not applicable
Upper/lower flammability limits:	Not determined
Vapour pressure:	Similar to water
Vapour density	Similar to water
Relative density	1.43
Solubility in water:	Soluble
Solubility in other solvents:	no data
Partition coefficient (log Kow)	no data
Autoignition temperature	no data
Decomposition temperature	no data
Viscosity	no data
Explosive properties	not classified as explosive
Oxidising properties	not classified as oxidising

9.2 Other information

VOC content, wt. %: <0.1 g/l

SECTION 10: Stability and Reactivity

10.1 Reactivity

Not considered to be a reactive material.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Contains alkoxy silanes which may hydrolyse in the presence of water to form highly flammable alcohols.

10.4 Conditions to avoid

Excessive heat.

10.5 Incompatible materials

Avoid water-reactive materials, heat or contact with peroxides or other catalysts.

10.6 Hazardous decomposition products

None expected under normal conditions of use.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

- | | |
|--------------------------------------|---|
| (a) acute toxicity | Not expected to be acutely toxic based upon consideration of the major components. |
| (b) skin corrosion/irritation | Not expected to be a skin irritant, however prolonged contact may result in slight irritation due to drying of skin and mild abrasive properties. |

- (c) serious eye damage/irritation** Not expected to be an eye irritant, however prolonged contact may result in slight irritation due to mild abrasive properties.
- (d) respiratory/skin sensitisation** Contains no substances known to be classified as sensitising.
- (e) germ cell mutagenicity** Contains no substances classified as germ cell mutagens.
- (f) carcinogenicity** Contains no substances classified as carcinogens.
- (g) reproductive toxicity** Contains no substances classified as reproductive toxins
- (h) STOT-single exposure** No Specific Target Organ Toxicity effects known
- (i) STOT-repeated exposure** Contains no substances classified for STOT RE effects.
- (j) aspiration hazard**

SECTION 12: Ecological Information

12.1 Toxicity

There are no components present at concentrations considered to be hazardous to the environment.

12.2 Persistence and degradability

Calcium carbonate is a naturally occurring mineral.

12.3 Bioaccumulative potential

None of the components are considered to be bioaccumulative.

12.4 Mobility in soil

The major components are considered to be soluble in water.

12.5 Results of PBT and vPvB assessment

A PBT/vPvB assessment has not been carried out. However none of the components are expected to meet these criteria.

12.6 Other adverse effects

None known.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Waste should be disposed of in a manner that complies with local regulations.. Advice should be sought from local agencies.

The containers should be rinsed thoroughly with water and can be disposed of as non-hazardous waste.

SECTION 14: Transport Information

This product is considered to be dangerous goods for transport because of its flammability.

	ADR	IMDG	ICAO
14.1 UN Number	None	None	None
14.2 UN Proper shipping name	None	None	None
14.3 Transport hazard class(es)	None	None	None
14.4 Packing group	None	None	None
14.5 Environmental hazards	None	None	None
14.6 Special precautions for user	None	None	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the	Not applicable	Not applicable	Not applicable

IBC Code			
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SECTION 15: Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All components are listed as existing substances in Europe

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information**Revision information:**

This is the first SDS prepared in accordance with EU Regulations.

List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008

DSD Dangerous Substances Directive 67/548/EEC

DPD Dangerous Preparations Directive 1999/45/EC

EC European Community/Commission

PBT Persistent, Bioaccumulative and Toxic

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006

vPvB very Persistent, very Bioaccumulative

References:

CLP Regulation 1272/2008

EH40, 2007

Calcium Carbonate Association - Skin & eye irritation studies performed on calcium carbonate, Summary report, December 2005

Method used for classification of mixtures:

Ingredient based approaches

R Phrases and H Statements used in Section 3

None

Training requirements for workers

No special training requirements.