



SAFETY DATA SHEET

Grout Stain Remover

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name Grout Stain Remover

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

1.3. Details of the supplier of the safety data sheet

Supplier: LTP
 Tone Industrial Estate
 Milverton Road
 Wellington
 Somerset
 TA21 0AN
 Tel: 01823 666213
 Fax: 01823 665685

1.4. Emergency telephone number

0870 190 6777

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

Classification (1999/45/EEC) Not classified.

Human Health

May cause temporary irritation on contact with skin or eyes.

Environment

Substantial amounts of the product may lead to a local change in acidity in small water systems which may have adverse effects on aquatic organisms.

Physical And Chemical Hazards

This product contains hydrochloric acid. It should not be mixed with other cleaning products.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

Not classified.

Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P261f	Avoid breathing spray.
	Keep away from food, drink and animal feedingstuffs.
P501B	Dispose of contents/container to hazardous waste collection point.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Grout Stain Remover

3.2. Mixtures

hydrochloric acid	<10%
CAS-No.: 7647-01-0	EC No.: 231-595-7
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT Single 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Information

Remove affected person from source of exposure. Provide fresh air, first-aid, warmth and rest.

Do not give victim anything to drink if they are unconscious.

Inhalation.

Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion

If swallowed do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs keep head low so that stomach content does not enter lungs.

Rinse mouth thoroughly and seek medical attention immediately. Keep patient at rest.

Skin Contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and running water. Take especial care to clean folds, crevices, creases and groin.

Get medical attention if irritation persists or develops.

Launder clothing and clean shoes thoroughly before re-use.

Eye Contact

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get medical attention if any discomfort or irritation persists.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

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

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Protective Measures In Fire

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing (see Section 8). Keep unnecessary people at a safe distance.

6.2. Environmental precautions

Cover all drains and sewers. Avoid spreading spilt material.

6.3. Methods and material for containment and cleaning up

Grout Stain Remover

Absorb in vermiculite, sand, diatomaceous earth or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Normal precautions necessary for the handling of all chemicals and the information and advice provided in this safety data sheet should be observed.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

STD

WEL = Workplace Exposure Limits

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
hydrochloric acid	WEL	1 ppm	2 mg/m ³	5 ppm	8 mg/m ³	

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits as hydrogen chloride gas or aerosol mist.

8.2. Exposure controls

Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

Hand Protection

Avoid prolonged or repeated contact, use suitable protective gloves made of Butyl rubber. Nitrile. After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied.

Eye Protection

Wear goggles/face shield.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear pink liquid.
Odour	Slightly pungent odour
Solubility	Miscible with water
Initial Boiling Point and Boiling Range:	~ 100 °C. @ 760mm Hg.
Relative Density	0.9 - 1.1

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal conditions of storage and use. See section 7.

Grout Stain Remover

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid contact with alkali metals (e.g. aluminium, magnesium, zinc.)

10.5. Incompatible materials

10.6. Hazardous decomposition products

None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General Information

This product has low toxicity. Only large volumes may have adverse impact on human health. There are no ill effects known to us which can result from the use of this product for its intended purpose and when processing and handling it with the normal precautions employed in the use of chemicals.

Inhalation

May cause irritation to the respiratory system.

Ingestion.

May cause discomfort if swallowed.

Skin Contact

Prolonged contact may cause redness, irritation and dry skin.

Eye Contact

Splashes may irritate.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Bioaccumulative Potential:

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

Do not dispose to landfill or in water courses. Product is hazardous waste. Do not allow into drains, sewers or water courses.

Disposal must be by means of a licensed waste contractor.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

This product is not Classified as Dangerous under international carriage regulations. (ADR, IATA, IMDG, RID)

14.1. UN number

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

Grout Stain Remover

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

Approved Code Of Practice

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance.

Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/l15.pdf>

Guidance Notes

CHIP for everyone HSG(108).

COSHH essentials. 'Easy steps to control chemicals.' Only available on HSE's website and regularly updated at www.hse.gov.uk/pubns/guidance/index.htm

Maintenance, examination and testing of local exhaust ventilation HSG154 (HSE 1998).

EU Legislation

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

EC Regulation 1272/2008 (as amended): CLP (Classification, labelling and packaging of substances and mixtures).

ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

Water Hazard Classification

N/A.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Comments

No previous version.

Revision Date 19-AUG-11 - rev. 01:01013

Revision 01 dated 19-AUG-11

Risk Phrases In Full

R34 Causes burns.

R37 Irritating to respiratory system.

Hazard Statements In Full

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.