



SAFETY DATA SHEET

Grout Protector

LTP/15

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

PRODUCT NAME Grout Protector (1 ltr)
 PRODUCT NO WTCI001, WTCI005, WTGP001
 SUPPLIER LTP
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2. HAZARDS IDENTIFICATION

Flammable.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Repeated exposure may cause skin dryness or cracking.

Harmful: may cause lung damage if swallowed.

CLASSIFICATION Xn;R65. N;R51/53. R10, R66.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
White Spirit : (naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene))	265-185-4	64742-82-1	60-95%	Xn;R65. N;R51/53. R10,R66.
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	5-10%	R10 Xn;R20 Xi;R36/37/38 N;R51/53
XYLENE	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38
CUMENE	202-704-5	98-82-8	1-5%	R10 Xn;R65 Xi;R37 N;R51/53

The Full Text for all R-Phrases are Displayed in Section 16

4. FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

If unconscious or breathing is irregular place on their side in the recovery position and ensure their airways are clear. Artificial respiration may be administered by suitably qualified first-aiders if the patient is unconscious or breathing is difficult.

Get immediate medical attention.

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INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

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 immediate medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc. Do not use high pressure water jet as this may spread burning material.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

Fire emits clouds of smoke which may contain toxic vapours, gases and fumes.

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.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Eliminate all naked flames or other sources of ignition. Do not smoke. Provide adequate ventilation. Clean-up personnel should use respiratory protection, gloves, goggles and protective clothing and footwear. (see section 8)

ENVIRONMENTAL PRECAUTIONS

Do not allow spilled material to enter drains or water courses. Cover all drains and sewers. Avoid spreading spilled material. Contain spillages with sand, earth or suitable absorbent material. Prevent further spillage if safe to do so. In the event of contamination of watercourses or sewers advise local water authority, fire brigade and police.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. 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.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from Acids. Oxidising material.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
CUMENE	WEL	25 ppm(Sk)	125 mg/m3(Sk)	50 ppm(Sk)	250 mg/m3(Sk)
White Spirit : (naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene))	WEL		1000 mg/m3		
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient suitable respiratory protection must be provided.

Seek recommendations and advice from equipment manufacturer or supplier.

HAND PROTECTION

Avoid prolonged or repeated contact, use suitable protective gloves made of Nitrile. Wear suitable protective gloves conforming to EN 374.

The actual level of protection provided by protective gloves can be difficult to assess. Effective breakthrough times should be used with care and a margin of safety should be applied. HSE guidance recommends a safety factor of 75% be applied to times obtained by laboratory tests.

Seek advice from manufacturer or supplier.

Personal hygiene is a factor in effective hand care. Gloves should only be worn on clean hands. After using gloves hands should be washed and dried thoroughly and a non-perfumed moisturiser applied.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet.

Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless liquid		
ODOUR	Hydrocarbon		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	150 - 200°C 760 mm Hg	RELATIVE DENSITY	0.785 15°C
VAPOUR PRESSURE	<10 mbar 37.8°C	VISCOSITY	0.85 cSt 25°C
FLASH POINT (°C)	>40°C	AUTO IGNITION	approx 230°C
FLAMMABILITY LIMIT - LOWER(%)	0.6	TEMPERATURE (°C) FLAMMABILITY LIMIT -UPPER(%)	8.0

10. STABILITY AND REACTIVITY

STABILITY

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

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances. Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERISATION

None known.

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HAZARDOUS DECOMPOSITION PRODUCTS

In conditions of fire or excessive heat gives off toxic fumes and gases, including oxides of carbon and nitrogen and various hydrocarbon fragments.

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2000 mg/kg (oral rat)

TOXICOLOGICAL INFORMATION

Health effects of this preparation have not been determined. Data given refer to the major component.

INHALATION

Exposure to solvent vapours may cause irritation of the throat, respiratory system and mucous membranes and have adverse effects on the kidneys, liver and central nervous system.

Symptoms can include headache, dizziness, drowsiness, fatigue, and muscular weakness, In extreme cases resulting in loss of consciousness.

Patients should be kept under observation as symptoms may occur well after exposure.

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Absorption can cause sleepiness, intoxication and pulmonary oedema.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

May cause severe irritation to eyes.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

This material should not be allowed into drains, sewers or other water courses.

LC 50, 96 Hrs, FISH mg/l 10

MOBILITY

The product contains substances, which are insoluble in water and which may spread on water surfaces. Contamination will evaporate from the surface of water and soils.

BIOACCUMULATION

Likely to bioaccumulate but with a retention time of the order of a week or so.

DEGRADABILITY

Readily biodegradable.

13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition. Labels should not be removed. Empty but unlaundered containers must be treated in the same manner as when full; labels should not be removed.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Product is classified as hazardous waste. Disposal of waste material and empty containers must be by means of a licensed waste contractor.

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14. TRANSPORT INFORMATION



UK ROAD PROPER SHIPPING NAME	CLASS 3 RESIN SOLUTION		
UN NO. ROAD	1993	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3YE
CEFIC TEC(R) NO.	30GF1-I+II, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1993
IMDG CLASS	3	IMDG PAGE NO.	3375
IMDG PACK GR.	III	EMS	F-E, S-E
MARINE POLLUTANT	No.	UN NO. AIR	1993
AIR CLASS	3	AIR PACK GR.	III

15. REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS White Spirit : (naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene))

RISK PHRASES

R10 Flammable.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R66 Repeated exposure may cause skin dryness or cracking.
 R65 Harmful: may cause lung damage if swallowed.
SAFETY PHRASES
 S37 Wear suitable gloves.
 S51 Use only in well-ventilated areas.
 S57 Use appropriate containment to avoid environmental contamination.
 S60 This material and its container must be disposed of as hazardous waste.
 S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
 S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

EU DIRECTIVES

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

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 No. 1689. (CHIP3)

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

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

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APPROVED CODE OF PRACTICE

Control of substances hazardous to health - Approved Code of Practice and Guidance L5 (2005) HSE Books.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

The storage of flammable liquids in containers HSG51 (HSE 1998).

16. OTHER INFORMATION

REVISION COMMENTS

Change to Emergency contact - Section 1.

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 12-Mar-09 - Rev 02: 0156

REV. NO./REPL. SDS 02 - replaces version 1 dated 30/04/08
GENERATED

RISK PHRASES IN FULL

R10	Flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

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.
March 09