

## SAFETY DATA SHEET CEMENT & GROUT HAZE REMOVER

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 26/07/2018  
Revision date: 01/12/2020 Supersedes version of: 26/07/2018 Version: 2.0

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

#### 1.1. Product identifier

Product Form: Mixture  
Product Name: Pavetuf Cement & Grout Haze Remover

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

##### 1.2.1 Relevant identified uses

Intended for general public  
Main use category: Industrial use, Professional use, Consumer use  
Use of the substance/mixture: Cleaning/washing agents and additives

##### 1.2.2 Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Company Name: TALASEY LIMITED  
ST VINCENT HOUSE  
NORMANBY ROAD  
SCUNTHORPE  
DN15 8QT  
UNITED KINGDOM

Tel: 0330 333 8030  
Email: sales@talasey.co.uk

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	Talasey	Scunthorpe DN15 8QT	0330 333 8030 (office hours only)	or call a doctor

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H statements : see section 16

#### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage.

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### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

Signal word (CLP)

Contains

Hazard statements (CLP)

Precautionary statements (CLP)

Danger

hydrogen chloride

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

P102 - Keep out of reach of children.

P103 - Read label before use.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER, a doctor.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.



GHS05

EUH-statements

EUH208 - Contains but-2-yne-1,4-diol(110-65-6).

May produce an allergic reaction.

Child-resistant fastening

Not applicable

Tactile warning

Not applicable

### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
hydrogen chloride	(CAS-No.) 7647-01-0 (EC-No.) 231-595-7 (EC Index-No.) 017-002-00-2 (REACH-no) 01-2119484862-27	≥ 1 - < 10	Press. Gas Acute Tox. 3 (Inhalation), H331 Skin Corr. 1A, H314
but-2-yne-1,4-diol	(CAS-No.) 110-65-6 (EC-No.) 203-788-6 (EC Index-No.) 603-076-00-9	≥ 0.1	Skin Corr. 1B, H314 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 STOT RE 2, H373 Skin Sens. 1, H317

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### Specific concentration limits

Name	Product identifier	Specific concentration limits
but-2-yne-1,4-diol	(CAS-No.) 110-65-6 (EC-No.) 203-788-6 (EC Index-No.) 603-076-00-9	( 25 ≤C < 50) Skin Irrit. 2, H315 ( 25 ≤C < 50) Eye Irrit. 2, H319 ( 50 ≤C < 100) Skin Corr. 1B, H314

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation

Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact

Wash skin with plenty of water. Take off contaminated clothing.

If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing. Call a physician immediately.

First-aid measures after ingestion

Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects

Causes eye irritation.

Symptoms/effects after skin contact

Irritation.

Symptoms/effects after eye contact

Serious damage to eyes.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media

Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire

Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

For further information refer to section 8: "Exposure controls/personal protection".

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**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

Methods for cleaning up                      Take up liquid spill into absorbent material.  
Other information                              Dispose of materials or solid residues at an authorised site.

**6.4. Reference to other sections**

For further information refer to section 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Precautions for safe handling              Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures                              Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions                              Store in a well-ventilated place. Keep cool.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

<b>but-2-yne-1,4-diol (110-65-6)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	But-2-yne-1,4-diol
WEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

<b>but-2-yne-1,4-diol (110-65-6)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	But-2-yne-1,4-diol
WEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
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**8.2. Exposure controls**

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

**Personal protective equipment:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Protective goggles. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Eye Protection
Chemical goggles or safety glasses.
Skin and body protection
Wear suitable protective clothing
Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment symbol(s):**



**Environmental exposure controls:**

Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state	Liquid
Colour	Light yellow
Odour	Characteristic.
Odour threshold	No data available
pH	< 1
Relative evaporation rate (butylacetate=1)	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	1.041
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available



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Oxidising properties No data available  
Explosive limits No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity (oral) Not classified  
Acute toxicity (dermal) Not classified  
Acute toxicity (inhalation) Not classified

but-2-yne-1,4-diol (110-65-6)	
LD50 oral rat	176 mg/kg Source: ECHA
LD50 dermal rat	659 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 324 - 1440
LD50 dermal rabbit	659 mg/kg Source: ECHA
LC50 Inhalation - Rat	0.69 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	0.69 mg/l Source: ECHA

hydrogen chloride (7647-01-0)	
LD50 oral rat	238 mg/kg Source: HSDB
LD50 dermal rat	> 5010 mg/kg Source: ECHA
LC50 Inhalation - Rat [ppm]	0.16 - 1.4 ppm Source: HSDB



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Skin corrosion/irritation Causes skin irritation.  
pH: < 1  
Serious eye damage/irritation Causes serious eye damage.  
pH: < 1  
Respiratory or skin sensitisation Not classified  
Germ cell mutagenicity Not classified  
Carcinogenicity Not classified

hydrogen chloride (7647-01-0)	
IARC group	3 - Not classifiable

Reproductive toxicity Not classified  
STOT-single exposure Not classified  
STOT-repeated exposure Not classified

but-2-yne-1,4-diol (110-65-6)	
LOAEL (oral, rat, 90 days)	10 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28- Day Oral Toxicity in Rodents)
NOAEL (oral, rat, 90 days)	1 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)

Aspiration hazard Not classified

**SECTION 12: Ecological information**

**12.1. Toxicity**

Ecology - general The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) Not classified  
Hazardous to the aquatic environment, long-term (chronic) Not classified  
Not rapidly degradable

but-2-yne-1,4-diol (110-65-6)	
LC50 fish 1	53.6 mg/l Test organisms (species): Pimephales promelas
EC50 Daphnia 1	26.8 mg/l Test organisms (species): Daphnia magna
EC50 72h algae (1)	1058 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	15 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

hydrogen chloride (7647-01-0)	
LC50 fish 1	3.25 - 3.5 mg/l Source: ECHA
EC50 Daphnia 1	4.92 mg/l Source: ECHA
EC50 72h algae (1)	0.492 mg/l Source: ECHA



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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

but-2-yne-1,4-diol (110-65-6)	
Partition coefficient n-octanol/water (Log Pow)	-0.73 Source: ECHA

hydrogen chloride (7647-01-0)	
Partition coefficient n-octanol/water (Log Pow)	0.25 Source: IPCS

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	Dispose of contents/container in accordance with licensed collector’s sorting instructions.
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SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

No supplementary information available



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14.6. Special precautions for user

Overland transport  
Not regulated

Transport by sea  
Not regulated

Air transport  
Not regulated

Inland waterway transport  
Not regulated

Rail transport  
Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:		
Reference code	Applicable on	Entry title or description
3(b)	Cement & Grout Haze Remover	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

Contains no substance on the REACH candidate list  
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.  
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations  
No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other Information

Indication of changes:
New format.





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Section	Changed Item	Change	Comments
1.1	Additional Information	Added	UFI
1.3	Additional Information	Modified	
3.2	Composition/information on ingredients	Modified	

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration



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OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Press. Gas	Gases under pressure
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH208	Contains but-2-yne-1,4-diol(110-65-6). May produce an allergic reaction.

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The classification complies with : ATP 12

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*