

# SICHERHEITSDATENBLATT GREWI PROFI-SCHAUM-REINIGER

Seite 1 von 7

GREWI Handels GmbH  
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## SICHERHEITSDATENBLATT

Version: 4.0

nach Verordnung (EG) Nr. 1907/2006 und Verordnung (EG) Nr. 453/2010 (REACH)

Überarbeitet: 07.04.2023

### 1. Bezeichnung des Stoffs bzw. des Gemischs und des Unternehmens

#### 1.1. Produktidentifikator:

Handelsname: **GREWI PROFI-SCHAUM-REINIGER**  
UFI: **SHP9-U0SW-6000-1F4G**

#### 1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird:

Verwendung des Stoffs  
/des Gemischs: Reiniger

#### 1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt:

GREWI Handels GmbH  
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#### 1.4. Notrufnummer:

Leitfaden für die gesundheitlichen Risiken:  
Konsultieren Sie sofort mit Ihrem Arzt oder Arzt im Dienst. Im Falle der Bedrohung ins Leben zu rufen 112.

### 2. Mögliche Gefahren

#### 2.1. Einstufung des Stoffs oder Gemischs:

Einstufung gemäß Verordnung (EG) 1272/2008

Aerosol 1; H222, H229  
Eye Irrit. 2; H319

#### 2.2. Kennzeichnungselemente:

Kennzeichnungselemente (CLP)



Signalwort: Gefahr

Gefahrenhinweise:

H222 Extrem entzündbares Aerosol.  
H229 Behälter steht unter Druck: Kann bei Erwärmung bersten.  
H319 Verursacht schwere Augenreizung.

Sicherheitshinweise:

P102 Darf nicht in die Hände von Kindern gelangen.  
P210 Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie anderen Zündquellenarten fernhalten. Nicht rauchen.  
P211 Nicht gegen offene Flamme oder andere Zündquelle sprühen.  
P251 Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch.  
P305 + P351 + P338 BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen.  
P410 + P412 Vor Sonnenbestrahlung schützen und nicht Temperaturen von mehr als 50 oC aussetzen.  
P501 Entsorgung des Inhalts / des Behälters gemäß den örtlichen / regionalen / nationalen/internationalen Vorschriften.

Enthält: /

Zusätzlichen Text:

Enthält <5% anionische Tenside, Duftstoffe.

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Seite 2 von 7

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## 2.3. Sonstige Gefahren:

Behälter steht unter Druck. Erhitzen führt zu Drucksteigerung: Berst- und Explosionsgefahr. Dämpfe können mit Luft explosionsfähige Gemische bilden.

## 3. Zusammensetzung/Angaben zu Bestandteilen

Stoffe:

Gemische:

Bezeichnung:	Gehalt. (% m/m):	CAS: EC: Index:	Einstufung (1272/2008/EG):
Propan-2-ol	10 – 25	67-63-0 200-661-7 603-117-00-0	Flam. Liq. 2; H225, Eye Irrit. 2; H319, STOT SE 3; H336
Propan	2,5 – 10	74-98-6 200-827-9 601-003-00-5	Flam. Gas. 1; H220, Press. Gass; H280
Isobutan	2,5 – 10	75-28-5 200-857-2 601-004-00-0	Flam. Gas. 1; H220, Press. Gass; H280

## 4. Erste-Hilfe-Maßnahmen

### 4.1. Beschreibung der Erste-Hilfe-Maßnahmen:

Allgemeine Hinweise: Mit Produkt verunreinigte Kleidungsstücke unverzüglich entfernen.

Nach Einatmen: Betroffenen an die frische Luft bringen, beengende Kleidung lockern und ruhig lagern. Bei Atembeschwerden sofort Arzt rufen.

Nach Hautkontakt: Im allgemeinen ist das Produkt nicht hautreizend.

Nach Augenkontakt: Augen mehrere Minuten bei geöffnetem Lidspalt unter fließendem Wasser spülen. Bei auftretenden oder anhaltenden Beschwerden Augenarzt aufsuchen.

Nach Verschlucken: nicht anwendbar

### 4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen:

Keine Daten verfügbar.

### 4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung:

Symptomatische Behandlung.

## 5. Maßnahmen zur Brandbekämpfung

### 5.1. Löschmittel:

Geeignete Löschmittel: Trockenlöschmittel, Schaum, Kohlendioxid (CO<sub>2</sub>), Wasserdampf.

Ungeeignete Löschmittel:

Wasservollstrahl.

Ungeeignete Löschmittel:

### 5.2. Besondere vom Stoff oder Gemisch ausgehende Gefahren:

Besondere Gefahren: Hochentzündlich. Dämpfe können mit Luft ein explosives Gemisch bilden. Bei Brand: Dichter,

bei Brandbekämpfung: schwarzer Rauch, der Gesundheitsschäden verursachen kann. Ferner können entstehen: Kohlenmonoxid und Kohlendioxid.

**5.3. Hinweise für die Brandbekämpfung:**

Besondere Schutz-ausrüstung für die Brandbekämpfung: Umgebungsluftunabhängiges Atemschutzgerät verwenden.

Weitere Information: Gefährdete Behälter mit Sprühwasser kühlen. Behälter steht unter Druck. Erhitzen führt zu Drucksteigerung: Berst- und Explosionsgefahr.

**6. Maßnahmen bei unbeabsichtigter Freisetzung**

**6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren:**

Für ausreichende Lüftung sorgen. Dampf/Aerosol nicht einatmen. Substanzkontakt mit Augen vermeiden.

**6.2. Umweltschutzmaßnahmen:**

Eindringen in Erdreich, Kanalisation, Gewässer, tieferliegende Räume und Gruben verhindern.

**6.3. Methoden und Material für Rückhaltung und Reinigung:**

Ausgetretenes Material mit unbrennbarem Aufsaugmittel (z.B. Sand, Erde, Vermiculite, Kieselgur) eingrenzen und zur Entsorgung nach den örtlichen Bestimmungen in den dafür vorgesehenen Behältern sammeln (siehe Kapitel 13). Nachreinigung mit Reinigungsmitteln durchführen, keine Lösemittel benutzen.

**6.4. Verweise auf andere Abschnitte:**

Vgl. Abschnitt: 7, 8, 11, 12 und 13

**7. Handhabung und Lagerung**

**7.1. Schutzmaßnahmen zur sicheren Handhabung:**

Hinweise zum sicheren Umgang: Nur in gut gelüfteten Bereichen verwenden. Dampf/Aerosol nicht einatmen. Längeren und intensiven. Nicht in die Augen sprühen.

Hinweise zum Brand- und Explosionsschutz: Dämpfe bilden mit Luft explosionsfähige Gemische, die schwerer als Luft sind. Vor Sonnenbestrahlung und Temperaturen über 50 °C schützen. Von Zündquellen fernhalten - Nicht rauchen. Maßnahmen gegen elektrostatische Aufladungen treffen. Auch nach Gebrauch nicht gewaltsam öffnen oder verbrennen. Nicht gegen Flammen oder glühende Gegenstände sprühen.

Staubexplosionsklasse: Nicht anwendbar.

**7.2. Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten:**

Anforderungen an Lagerräume und Behälter: Behälter an einem gut gelüfteten Ort aufbewahren. Nur im Originalbehälter aufbewahren. Bei Raumtemperatur lagern. Behälter aufrecht lagern.

Zusammenlagerungshinweise: Nicht zusammen mit starken Oxidationsmitteln lagern.

Lagerklasse (LGK): 2B, Druckgaspackungen (Aerosolpackungen)

Sonstige Angaben: Erhitzen führt zu Druckerhöhung und Berstgefahr.

**7.3. Spezifische Endanwendungen:**

Keine Daten verfügbar

**8. Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen**

**8.1. Zu überwachende Parameter:**

**8.1.1. Grenzwerte für die Exposition am Arbeitsplatz**

Stoffidentität		Arbeitsplatzgrenzwert		Spitzenbegr.	
Bezeichnung	CAS-Nr.	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	Überschreitungs-faktor	Basis
Propan	74-98-6	1.000	1.800	4 (II)	DFG

Propan-2-ol	67-63-0	200	500	2 (II)	DFG, Y
Isobutan	75-28-5	1.000	2.400	4 (II)	DFG

**8.1.2. DNEL- und PNEC-Werte**

Stoff	Typ	Typ der Exposition	Expositionszeit	Wert
Propan-2-ol	DNEL (Arbeit)	Inhalation	Langzeit – systemische Auswirkungen	500 mg/m <sup>3</sup>
Propan-2-ol	DNEL (Arbeit)	Dermal	Langzeit – systemische Auswirkungen	888 mg/kg bw/Tag
Propan-2-ol	DNEL (Verbraucher)	Inhalation	Langzeit – systemische Auswirkungen	89 mg/m <sup>3</sup>
Propan-2-ol	DNEL (Verbraucher)	Dermal	Langzeit – systemische Auswirkungen	319 mg/kg bw/Tag
Propan-2-ol	DNEL (Verbraucher)	Oral	Langzeit – systemische Auswirkungen	26 mg/kg bw/Tag
Propan-2-ol	PNEC	Süßwasser		140,9 mg/l
Propan-2-ol	PNEC	Meerwasser		140,9 mg/l
Propan-2-ol	PNEC	Wasser (Zeitweise Freisetzung)		140,9 mg/l
Propan-2-ol	PNEC	Abwasserreinigungsanlage (STP)		2251 mg/l
Propan-2-ol	PNEC	Süßwassersediment		552 mg/kg dwt
Propan-2-ol	PNEC	Meeressediment		552 mg/kg dwt
Propan-2-ol	PNEC	Boden		28 mg/kg dwt
Propan-2-ol	PNEC	Oral		160 mg/kg Nahrung

**8.2. Begrenzung und Überwachung der Exposition:**

**Technische Schutzmaßnahmen:**

Für ausreichenden Luftaustausch und/oder Absaugung in den Arbeitsräumen sorgen.

**Persönliche Schutzausrüstung:**

Atemschutz

Bei Überschreitung der Arbeitsplatzgrenzwerte (AGW) ist ein Atemschutzgerät zu tragen. Filter Typ A (= gegen Dämpfe von niedrigsiedenden organischen Verbindungen) gemäß EN 371 benutzen.

Für Propan allgemein gilt: Bei Konzentrationsüberschreitung muss Isoliergerät benutzt werden!

Handschutz

nicht anwendbar

Augenschutz

Dicht schließende Schutzbrille gemäß EN 166.

Haut- und

Körperschutz

Bei der Arbeit geeignete Schutzkleidung tragen.

Hygienemaßnahmen

Berührung mit Augen, Haut und Kleidung vermeiden. Bei der Arbeit nicht essen, trinken oder rauchen. Vor den Pausen und bei Arbeitsende Hände waschen.

**Begrenzung und Überwachung der Umweltexposition:**

Allgemeine Hinweise: Nicht in Oberflächengewässer oder Kanalisation gelangen lassen. Weiteres Auslaufen oder Verschütten verhindern, wenn dies ohne Gefahr möglich ist. Bei der Verunreinigung von Gewässern oder der Kanalisation die zuständigen Behörden in Kenntnis setzen.

**9. Physikalische und chemische Eigenschaften**

**9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften:**

Wert	Einheit	Bei	Methode	Bemerkung
------	---------	-----	---------	-----------

Form	Aerosol		
Farbe	klar bis gelblich		
Geruch	charakteristisch		
Flammpunkt	-80 max.	°C	Isobutan
Untere Explosionsgrenze	1,40	Vol. %	Isobutan
Obere Explosionsgrenze	10,80	Vol. %	Propan
Dichte:	Ca. 0,943	kg/dm <sup>3</sup>	Wirkstoff
Löslichkeit in Wasser:	mischbar		

## 9.2. Sonstige Angaben:

Keine Daten verfügbar.

## 10. Stabilität und Reaktivität

### 10.1. Reaktivität:

Keine Daten verfügbar.

### 10.2. Chemische Stabilität:

Das Produkt ist chemisch stabil.

### 10.3. Möglichkeit gefährlicher Reaktionen:

Keine Zersetzung bei bestimmungsgemäßer Lagerung und Anwendung. Dämpfe können mit Luft explosionsfähige Gemische bilden. Wegen des hohen Dampfdrucks besteht bei Temperaturanstieg Berstgefahr der Gefäße.

### 10.4. Zu vermeidende Bedingungen:

Hochentzündlich. Von Hitzequellen, Funken und offenen Flammen fernhalten. Dämpfe bilden mit Luft explosionsfähige Gemische, die schwerer als Luft sind. Vor Sonnenbestrahlung und Temperaturen über 50 °C schützen.

### 10.5. Unverträgliche Materialien:

Starke Oxidationsmittel.

### 10.6. Gefährliche Zersetzungsprodukte:

Gefährliche Zersetzungsprodukte: Im Brandfall können entstehen: Rauch, Kohlenmonoxid und Kohlendioxid.

Thermische Zersetzung: Erhitzen führt zu Druckerhöhung und Berstgefahr.

## 11. Toxikologische Angaben

### Akute Toxizität:

#### Akute orale Toxizität

Propan-2-ol LD<sub>50</sub> > 2000 mg/kg

#### Akute inhalative Toxizität:

Propan-2-ol LC<sub>50</sub> > 20 mg/l

#### Akute dermale Toxizität:

Propan-2-ol LD<sub>50</sub> > 2000 mg/kg

**Ätz-/Reizwirkung auf die Haut** Kann die Haut reizen.

**Schwere Augenschädigung/-reizung** Kann die Augen reizen.

**Sensibilisierung der Atemwege/Haut** Sensibilisierung durch Hautkontakt möglich.

**Mutagenität** Keine Daten verfügbar.

**Karzinogenität** Keine Daten verfügbar.

**Reproduktionstoxizität** Keine Daten verfügbar.

<b>Teratogenität</b>	Keine Daten verfügbar.
<b>Spezifische Zielorgan-Toxizität bei einmaliger Exposition</b>	Keine Daten verfügbar.
<b>Spezifische Zielorgan-Toxizität bei wiederholter Exposition</b>	Keine Daten verfügbar.
<b>Aspirationsgefahr</b>	Keine Daten verfügbar.
<b>Neurologische Wirkungen</b>	Keine Daten verfügbar.
<b>Beurteilung Toxizität</b>	Keine Daten verfügbar.
<b>Weitere Information</b>	Keine Daten verfügbar.

## 12. Umweltbezogene Angaben

### 12.1. Toxizität:

#### Toxizität gegenüber Fischen:

Propan-2-ol 100 < LC/EC/IC50 <= 1000 mg/l

#### Toxizität gegenüber Daphnien:

Propan-2-ol LC/EC/IC50 > 1000 mg/l

#### Toxizität gegenüber Algen:

Propan-2-ol LC/EC/IC50 > 1000 mg/l

#### Toxizität gegenüber Bakterien:

Propan-2-ol LC/EC/IC50 > 1000 mg/l

### 12.2. Persistenz und Abbaubarkeit:

Keine Daten verfügbar.

### 12.3. Bioakkumulationspotenzial:

Keine Daten verfügbar.

### 12.4. Mobilität im Boden:

Keine Daten verfügbar.

### 12.5. Ergebnisse der PBT- und vPvB-Beurteilung:

Keine Daten verfügbar.

### 12.6. Andere schädliche Wirkungen:

Das Eindringen des Produkts in die Kanalisation, in Wasserläufe oder in den Erdboden soll verhindert werden.

## 13. Hinweise zur Entsorgung

### 13.1. Produkt:

Abfallschlüsselnummer: 160504\* = Gefährliche Stoffe enthaltende Gase in Druckbehältern.

\* = Die Entsorgung ist nachweispflichtig.

Empfehlung: Auch nach Gebrauch nicht gewaltsam öffnen oder verbrennen. Entsorgung gemäß den behördlichen Vorschriften.

### 13.2. Verpackung:

Abfallschlüsselnummer: 150110 = Verpackungen, die Rückstände gefährlicher Stoffe enthalten oder durch gefährliche Stoffe verunreinigt sind

Empfehlung: Sorgfältig und möglichst vollständig entleeren. Entsorgung gemäß den behördlichen Vorschriften.

## 14. Angaben zum Transport

### ADR

UN-Nummer: 1950

Bezeichnung des Gutes: DRUCKGASPACKUNGEN  
Klasse: 2  
Verpackungsgruppe: --  
Klassifizierungscode: 5F  
Etiketten: 2.1  
Begrenzte Menge: 1 L  
Tunnelbeschränkungscode: (D)  
Umweltgefährdend: nein

**RID**

UN-Nummer: 1950  
Bezeichnung des Gutes: DRUCKGASPACKUNGEN  
Klasse: 2  
Verpackungsgruppe: --  
Klassifizierungscode: 5F  
Nummer zur Kennzeichnung der Gefahr: 23  
Etiketten: 2.1  
Begrenzte Menge: LQ2  
Umweltgefährdend: nein

**Besondere Vorsichtsmaßnahmen für den Verwender:**

Vgl. Abschnitt: 6, 7 und 8

**15. Rechtsvorschriften**

**15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch:**

Richtlinie (2012/18/EG):	Menge 1	Menge 2
P3a ENTZÜNDBARE AEROSOLE	150 t (Netto)	500 t (Netto)
VOC:	205 g/l oder 22 %	
Wassergefährdungsklasse:	1	
Gemäß EU-Detergenzienverordnung EG 648/2004:	<5% anionische Tenside, Duftstoffe	

**15.2. Stoffsicherheitsbeurteilung:**

Keine Daten verfügbar.

**16. Sonstige Angaben**

**Volltext der Gefahrenhinweise in Abschnitt 2 und 3.:**

H220 Extrem entzündbares Gas.  
H226 Flüssigkeit und Dampf entzündbar.  
H280 Enthält Gas unter Druck; kann bei Erwärmung explodieren.  
H319 Verursacht schwere Augenreizung.  
H336 Kann Schläfrigkeit und Benommenheit verursachen.

**Änderungen:**

- Abschnitt 2
- Abschnitt 3
- Abschnitt 8.2
- Abschnitt 15.1

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 1 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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## SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

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

#### 1.1 Product identifier

**Product name**

Profi-Schaumreiniger

**UFI**

SHP9-U0SW-6000-1F4G

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

**Relevant identified uses**

Cleaning agent.

**Uses advised against**

No information.

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

**Supplier**

**GREWI Handels GmbH**  
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#### 1.4 Emergency Telephone Number

**Emergency**

+43 / 1 / 406 4343 (Giftnotruf Wien)

+49 / 8651 / 768 822 (Giftnotruf Deutschland)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

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

Aerosol 1; H222 Extremely flammable aerosol.

Aerosol 1; H229 Pressurised container: May burst if heated.

Eye Irrit. 2; H319 Causes serious eye irritation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)





# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 2 of 15

Creation date: 11.10.2021,  
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### Signal word: DANGER

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

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

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

### 2.3 Other hazards

#### PBT/vPvB

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### Endocrine disrupting properties

The mixture does not contain substances that are included in the list of substances with endocrine disrupting properties established in accordance with Article 59 of the REACH Regulation, in a concentration  $\geq 0.1$  w/w %. The mixture does not contain substances identified as substances with endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, in a concentration  $\geq 0.1$  w/w %.

#### Additional information

No information.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
propan-2-ol	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	10-<20	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	/	/
isobutane	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	2,5-10	Flam. Gas 1; H220 Press. Gas; H280	/	C, U
propane	74-98-6 200-827-9 601-003-00-5 01-2119486944-21	<2,5	Flam. Gas 1; H220 Press. Gas; H280	/	U
2-butoxyethanol	111-76-2 203-905-0 603-014-00-0 01-2119475108-36	<1	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 3; H331	oral: ATE = 1200 mg/kg bw inhalation: ATE = 3 mg/l (vapours)	/
sodium N-lauroylsarcosinate	137-16-6 205-281-5 -	<1	Skin Irrit. 2; H315 Eye Dam. 1; H318 Acute Tox. 2; H330	/	/
ammonia	1336-21-6 215-647-6 007-001-01-2	<1	Skin Corr. 1B; H314 Aquatic Acute 1; H400; M = 1	STOT SE 3; H335; C $\geq 5\%$	B

Notes for substances

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 3 of 15

Creation date: 11.10.2021,  
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B	<p>Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations.</p> <p>In Part 3 entries with Note B have a general designation of the following type: "nitric acid ... %".</p> <p>In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.</p>
C	<p>Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.</p> <p>In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.</p>
U	<p>When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.) Press. Gas (Liq.) Press. Gas (Ref. Liq.) Press. Gas (Diss.) Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).</p>

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. No action shall be taken involving any personal risk or without suitable training.

#### Following inhalation

Leave contaminated area - breathe fresh air. If symptoms develop and persist, seek medical attention.

#### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water and soap. If symptoms develop and persist, seek medical attention. Wash contaminated clothes and shoes before reuse.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

#### Following ingestion

Not likely. Accidental ingestion: Rinse mouth thoroughly with water. Do not induce vomiting without prior consultation with a doctor. In case of doubt or if feeling unwell seek medical help. Show the physician the safety data sheet or label.

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

#### Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Coughing, sneezing, nasal discharge, labored breathing.

#### Following skin contact

Contact with skin may cause irritation (redness, itching).

#### Following eye contact

Strongly irritates the eyes. Redness, tearing, pain.

#### Following ingestion

Ingestion is unlikely because it is an aerosol. Accidental ingestion: May cause abdominal discomfort. May cause nausea/vomiting and diarrhea. Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

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

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 4 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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No information.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).

Fire extinguishing powder. Extinguish large fires with water spray or alcohol-resistant foam.

##### Unsuitable extinguishing media

Full water jet.

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

##### Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

#### 5.3 Advice for firefighters

##### Protective actions

In case of fire or heating do not breathe fumes/vapours. Prolonged heating can cause an explosion. In case of fire aerosols can explode and be propelled to considerable distances in different directions. Cool containers at risk with water spray. If possible remove containers from endangered area. No action shall be taken involving any personal risk or without suitable training.

##### Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

##### Additional information

No information.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

##### For non-emergency personnel

##### Protective equipment

Use personal protective equipment (Section 8).

##### Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking! Take precautionary measures against static discharges.

##### Emergency procedures

Prevent access to unauthorised personnel. Prevent access to unprotected personnel. Avoid contact with skin and eyes. Do not breathe vapour or mist.

##### For emergency responders

Use personal protective equipment.

#### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 5 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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### 6.3 Methods and material for containment and cleaning up

#### For containment

Stem the spill if this does not pose risks.

#### For cleaning up

Collect the spray cans and hand them over to an authorized waste disposal contractor. Release of liquid because of damaged aerosol can (release of large quantities): In case of bigger spill, dam the spillage, pump the liquid into appropriate labelled containers, absorb the residue with absorbent material and dispose of according to local regulations. Do not absorb spillage with sawdust or other combustible material. Dispose in accordance with applicable regulations (see Section 13).

#### Other information

No information.

### 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Protective measures

#### Measures to prevent fire

Ensure adequate ventilation. Take precautionary measures against static discharges. Ensure proper grounding of the equipment. Keep away from sources of ignition - no smoking.

#### Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

#### Measures to protect the environment

No information.

#### Other measures

No information.

#### Advice on general occupational hygiene

Consider measures required in Section 8 of this safety data sheet. Use personal protective equipment. Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Do not breathe vapours/mist.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Store in accordance with local regulations. Keep in well closed containers. Keep in cool and well ventilated area. Protect from open fire, heat and direct sunlight. Keep away from sources of ignition. Keep away from oxidising substances. Keep away from food, drink and animal feeding stuffs.

#### Packaging materials

No information.

#### Requirements for storage rooms and vessels

Do not store in unlabelled containers.

#### Storage temperature

No information.

#### Storage class

No information.

#### Further information on storage conditions

No information.

### 7.3 Specific end use(s)

#### Recommendations

No information.

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 6 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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Industrial sector specific solutions  
No information.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Occupational Exposure limit values

Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
2-Butoxyethanol (111-76-2)	123	25	246	50	Sk, BMGV	240 mmol butoxyacetic acid/mol creatinine in urine - Post shift
Ammonia (1336-21-6)	18	25	25	35	/	/
Propan-2-ol (67-63-0)	999	400	1250	500	/	/
Propane-1,2-diol particulates (57-55-6)	10	/	/	/	/	/
Propane-1,2-diol total vapour and particulates (57-55-6)	474	150	/	/	/	/

##### Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

##### DNEL/DMEL values

###### For product

No information.

###### For components

Name	Type	Exposure route	exp. frequency	Remark	Value
propan-2-ol	Worker	inhalation	long term systemic effects	/	500 mg/m <sup>3</sup>
propan-2-ol	Worker	dermal	long term systemic effects	/	888 mg/kg bw/day
propan-2-ol	Consumer	inhalation	long term systemic effects	/	89 mg/m <sup>3</sup>
propan-2-ol	Consumer	dermal	long term systemic effects	/	319 mg/kg bw/day
propan-2-ol	Consumer	oral	long term systemic effects	/	26 mg/kg bw/day

##### PNEC values

###### For product

No information.

###### For components

Name	Exposure route	Remark	Value
propan-2-ol	fresh water	/	140.9 mg/L
propan-2-ol	water, intermittent release	fresh water	140.9 mg/L
propan-2-ol	marine water	/	140.9 mg/L
propan-2-ol	water treatment plant	/	2251 mg/L
propan-2-ol	fresh water sediment	dry weight	552 mg/kg
propan-2-ol	marine water sediment	dry weight	552 mg/kg

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 7 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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propan-2-ol	soil	dry weight	28 mg/kg
propan-2-ol	food chain	oral	160 mg/kg feed

### 8.2 Exposure controls

#### Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Do not breathe vapours/aerosols. Keep away from foodstuffs, beverages and feed.

#### Structural measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

No information.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

#### Personal protective equipment

##### Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

##### Hand protection

Protective gloves (BS EN ISO 374). The product consists of various substances, therefore the resistance of gloves can not be calculated and has to be tested before use.

#### Appropriate materials

##### Skin protection

Cotton protective clothing and shoes that cover the entire foot (BS EN ISO 20345:2022+A1:2024). Protective antistatic clothing BS EN 1149 (1:2006, 2:1997 and 3:2004, 5:2018), protective antistatic shoes (BS EN ISO 20345:2022+A1:2024). Choose body protection according to the activity and possible exposure.

##### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. If the workplace exposure limits are exceeded, it is necessary to wear appropriate respiratory protection. Wear suitable protective breathing mask (BS EN 136) with filter A2-P2 (BS EN 14387). For dust/gas/vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard BS EN 137, BS EN 138.

##### Thermal hazards

No information.

#### Environmental exposure controls

##### Substance/mixture related measures to prevent exposure

No information.

##### Instruction measures to prevent exposure

No information.

##### Organisational measures to prevent exposure

No information.

##### Technical measures to prevent exposure

No information.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Important health, safety and environmental information

Physical state	liquid
Shape	aerosol
Colour	colourless yellow
Odour	No information.

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 8 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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Odour threshold	No information.
Melting/freezing point or softening point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	1.5 — 10.9 % v/v (propellant) 1.1 — 10.6 % v/v (2-butoxyethanol)
Flash point	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	No information.
Viscosity	No information.
Solubility	No information.
Partition coefficient n-octanol/water (log value)	No information.
Vapour pressure	< 0.00001 hPa at 25 °C (Hostapur OSB)
Density	0.953 kg/L at 20 °C (data refers to the liquid portion of the product)
Relative vapour/gas density	No information.
Particle characteristics	No information.

### 9.2 Other information

Information with regard to physical hazard classes

No information.

Other safety characteristics

Weight organic solvents	205 g/l (VOC) 22 % (VOC)
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

The product is stable under recommended storage and handling conditions. 2-BUTOXYETHANOL: can react dangerously with: aluminium, oxidising agents. Forms peroxide with air.

### 10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not expose to heat and direct sunlight.

### 10.5 Incompatible materials

Strong oxidising agents. Halogens. Halogenated compounds. Strong inorganic acids. Aldehydes.  
Oxidants.  
Aluminium.  
Air.

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 9 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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### 10.6 Hazardous decomposition products

Hydrogen. In case of fire/explosion vapours/gases that pose a health hazard are released.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### (a) Acute toxicity

For product

Exposure route	Type	Species	Time	Value	Method	Remark
oral	ATE	/	/	> 2000 mg/kg	/	calculated value
inhalation (dusts/mists)	ATE	/	/	> 5 mg/l	/	calculated value

For components

Name	Exposure route	Type	Species	Time	Value	Method	Remark
propan-2-ol	inhalation	LC <sub>50</sub>	rat	4 h	> 20 mg/l	/	/
propan-2-ol	dermal	LD <sub>50</sub>	rabbit	/	> 2000 mg/kg	/	/
propan-2-ol	oral	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/

#### Additional information

The product is not classified as acutely toxic.

#### (b) Skin corrosion/irritation

For components

Name	Species	Time	result	Method	Remark
propan-2-ol	/	/	Non-irritant.	/	/

#### Additional information

The product is not classified as irritating to the skin.

#### (c) Serious eye damage/irritation

For components

Name	Exposure route	Species	Time	result	Method	Remark
propan-2-ol	/	/	/	Moderately irritating.	/	/

#### Additional information

Causes serious eye irritation.

#### (d) Respiratory or skin sensitisation

For components

Name	Exposure route	Species	Time	result	Method	Remark
propan-2-ol	-	/	/	According to known data the substance is not a chemical sensitizer.	/	/

#### Additional information

The product is not classified as sensitising.

#### (e) (Germ cell) mutagenicity

For components

Name	Type	Species	Time	result	Method	Remark
propan-2-ol	/	/	/	The chemical is not classified as mutagenic.	/	/

#### (f) Carcinogenicity

For components

Name	Exposure route	Type	Species	Time	Value	result	Method	Remark
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# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 10 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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propan-2-ol	/	/	/	/	/	Substance is not classified as carcinogenic.	/	/
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### (g) Reproductive toxicity

For components

Name	Reproductive toxicity type	Type	Species	Time	Value	result	Method	Remark
propan-2-ol	/	/	/	/	/	The chemical is not classified as toxic for reproduction.	/	/

### Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

### (h) STOT-single exposure

No information.

### Additional information

STOT SE (single exposure): Not classified.

### (i) STOT-repeated exposure

No information.

### Additional information

STOT RE (repeated exposure): Not classified.

### (j) Aspiration hazard

No information.

### Additional information

Aspiration hazard: Not classified.

### Symptoms related to the physical, chemical and toxicological characteristics

No information.

### Interactive effects

No information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### For product

The mixture does not contain substances that are included in the list of substances with endocrine disrupting properties established in accordance with Article 59 of the REACH Regulation, in a concentration  $\geq 0.1$  w/w %. The mixture does not contain substances identified as substances with endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, in a concentration  $\geq 0.1$  w/w %.

#### Other information

No information.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Acute (short-term) toxicity

For components

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
propan-2-ol	LC/EC/IC <sub>50</sub>	100 - 1000 mg/L	/	fish	/	/	/
propan-2-ol	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	invertebrates	/	/	/
propan-2-ol	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	algae	/	/	/
propan-2-ol	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	bacteria	/	/	/

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 11 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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Chronic (long-term) toxicity  
No information.

### 12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination  
No information.

Biodegradation  
For components

Name	Type	Rate	Time	Evaluation	Method	Remark
propan-2-ol	biodegradability	84 %	28 days	/	/	closed cup

### 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)  
For components

Name	Value	Temperature °C	pH	Concentration	Method
propan-2-ol	0.05	/	/	/	/

Bioconcentration factor (BCF)  
No information.

### 12.4 Mobility in soil

Known or predicted distribution to environmental compartments  
No information.

Surface tension  
No information.

Adsorption/Desorption  
No information.

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

For product

The mixture does not contain substances that are included in the list of substances with endocrine disrupting properties established in accordance with Article 59 of the REACH Regulation, in a concentration  $\geq 0.1$  w/w %. The mixture does not contain substances identified as substances with endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, in a concentration  $\geq 0.1$  w/w %.

### 12.7 Other adverse effects

No information.

### 12.8 Additional information

For product

Product is not classified as hazardous for environment. Water hazard class 2 (self-assessment): hazardous for water. Handle in accordance with good working practices so that the product is not released into the environment.

For components

**propan-2-ol**

Low bioaccumulation potential. Soluble in water. It evaporates or dissolves in water within 24 hours. Larger amounts can

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 12 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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penetrate the soil and pollute groundwater.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Product / Packaging disposal

##### Waste chemical

Avoid release to the environment. Product and container must be disposed of safely. Dispose of in accordance with applicable waste disposal regulation. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

##### Waste codes / waste designations according to LoW

16 05 04\* - gases in pressure containers (including halons) containing dangerous substances

##### Packaging

Uncleaned containers should not be perforated, cut or welded. Pressurized container. Do not pierce or burn, even after use. Dispose of in accordance with applicable waste disposal regulation. Deliver completely emptied containers to approved waste disposal authorities.

##### Waste codes / waste designations according to LoW

15 01 11\* - metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

##### Waste treatment-relevant information

No information.





##### Sewage disposal-relevant information

No information.

##### Other disposal recommendations

No information.

### SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
UN 1950	UN 1950	UN 1950	UN 1950
14.2 UN proper shipping name			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS
14.3 Transport hazard class(es)			
2	2	2	2
			
14.4 Packing group			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.5 Environmental hazards			
NO	NO	NO	NO

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 13 of 15

Creation date: 11.10.2021,  
Revision: 19.11.2024, Version: 1.0

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<b>14.6 Special precautions for user</b>			
Limited quantities 1 L Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2 Transport category 2 Tunnel restriction code (D) Classification code 5F	Limited quantities 1 L EmS F-D, S-U	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y203 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 203 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 kg Special provisions A145, A167, A802	Limited quantities 1 L
<b>14.7 Maritime transport in bulk according to IMO instruments</b>			
Goods may not be carried in bulk in bulk containers, containers or vehicles.			

### SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)  
not applicable

#### Ingredients according to Regulation (EC) No 648/2004 on detergents

5% - < 15%: perfumes (Citral), aliphatic hydrocarbons;< 5%: anionic surfactants

#### Special instructions

Water hazard class 2 (self-assessment): hazardous for water. Seveso III, P3a: flammable aerosols.

#### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: OTHER INFORMATION

#### Indication of changes

7.2 Conditions for safe storage, including any incompatibilities 8.1 Control parameters 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 12.1 Toxicity 12.2 Persistence and degradability 12.3 Bioaccumulative potential 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Key literature references and sources for data

No information.

#### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 14 of 15

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Die Marke für Profis

CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No 1907/2006)  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations

# SAFETY DATA SHEET

## GREWI PROFI-SCHAUM-REINIGER

Page 15 of 15

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vPvB - Very Persistent and Very Bioaccumulative

### List of relevant H phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.



- Provided correct labelling of the product
- Compliance with the local legislation
- Provided correct classification of the product
- Provided adequate transport data

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*The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.*