

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 1/13

GROUTRENEW

Safety Data Sheet according to U.S.A. Federal Hazcom 2012

1. Identification

1.1. Product identifier

Product name

GROUTRENEW

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

Intended use

joints cleaner

Identified Uses

Industrial

Professional

Consumer

Uses

-



1.3. Details of the supplier of the safety data sheet

Name

FILA INDUSTRIA CHIMICA S.P.A.

Full address

Via Garibaldi, 58

District and Country

35018 San Martino di Lupari (PD)**ITALIA****Tel. +39.049.9467300****Fax +39.049.9460753**

e-mail address of the competent person

responsible for the Safety Data Sheet

sds@filasolutions.com

1.4. Emergency telephone number

For urgent inquiries refer to

800-424-9300 CHEMTREC

2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200). The product thus requires a safety datasheet.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Classification and Hazard Statement

Hazard pictograms:

Eye irritation, category 2

Causes serious eye
irritation.

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 2/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

Signal words: Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements:

Prevention:

P280 Wear eye protection / face protection.
P264 Wash hands thoroughly after handling.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice / attention.

Storage:

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Disposal:

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2.2. Other hazards

Information not available

3. Composition/information on ingredients**3.2. Mixtures**

Contains:

Identification	Conc. %	Classification:
Phenylmethanol		
CAS 100-51-6	7.5	Acute toxicity, category 4 H302, Acute toxicity, category 4 H332, Eye irritation, category 2 H319
EC 202-859-9		
INDEX 603-057-00-5		
Monoethanolamine oleate		
CAS 2272-11-9	2.2	Eye irritation, category 2 H319
EC 218-878-0		
INDEX -		
Propylene glycol n-propyl ether		
CAS 1569-01-3	2	Flammable liquid, category 3 H226, Eye irritation, category 2 H319
EC 216-372-4		
INDEX -		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

4. First-aid measures

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 3/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

5. Fire-fighting measures**5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

Do not breathe combustion products.

5.3. Advice for firefighters**GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 4/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7. Handling and storage**7.1. Precautions for safe handling**

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

8. Exposure controls/personal protection**8.1. Control parameters**

TLV of solvent mixture: 7.5 mg/m³

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must comply with current regulations.

HAND PROTECTION

Protect hands with category III work gloves (OSHA 29 CFR 1910.138).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 5/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84, OSHA 29 CFR 1910.134.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

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

Appearance	liquid
Colour	Light yellow
Odour	Pine fragrance
Odour threshold	Not available
pH	10.5
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	> 93 °C
Evaporation Rate	Not available
Flammability of solids and gases	not applicable
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	Readily soluble
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 6/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

Explosive properties not applicable

Oxidising properties not applicable

9.2. Other information

Information not available

10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

BENZYL ALCOHOL

Decomposes at temperatures above 870°C/1598°F. Possibility of explosion.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

BENZYL ALCOHOL

May react dangerously with: hydrobromic acid, iron, oxidising agents, sulphuric acid. Risk of explosion on contact with: phosphorus trichloride.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

BENZYL ALCOHOL

Avoid exposure to: air, sources of heat, naked flames.

10.5. Incompatible materials

BENZYL ALCOHOL

Incompatible with: sulphuric acid, oxidising substances, aluminium.

10.6. Hazardous decomposition products

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 7/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effectsMetabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

BENZYL ALCOHOL

LD50 (Oral) 1230 mg/kg Rat

LD50 (Dermal) 2000 mg/kg Rabbit

LC50 (Inhalation) > 4.1 mg/l/4h Rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class



FILA INDUSTRIA CHIMICA S.P.A.

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 8/13

GROUTRENEW

Safety Data Sheet

According to U.S.A. Federal Hazcom 2012

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

Carcinogenicity Assessment:

91-64-51,2-BENZOPYRONE

IARC:3

8006-64-2TURPENTINE

ACGIH:: A4

5989-27-5D LIMONENE

IARC:3

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Information not available

12.2. Persistence and degradability

BENZYL ALCOHOL

Rapidly degradable

12.3. Bioaccumulative potential

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 9/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

BENZYL ALCOHOL

Partition coefficient: n-octanol/water

1.1

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

13. Disposal considerations**13.1. Waste treatment methods**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable



FILA INDUSTRIA CHIMICA S.P.A.

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 10/13

GROUTRENEW

Safety Data Sheet

According to U.S.A. Federal Hazcom 2012

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

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

Information not relevant

15. Regulatory information

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

U.S. Federal Regulations

TSCA:

Clean Air Act Section 112(b):

No component(s) listed.

Clean Air Act Section 602 Class I Substances:

No component(s) listed.

Clean Air Act Section 602 Class II Substances:

No component(s) listed.

Clean Water Act –
Priority Pollutants:

No component(s) listed.

Clean Water Act –
Toxic Pollutants:

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 11/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

No component(s) listed.

DEA List I Chemicals (Precursor Chemicals):

No component(s) listed.

DEA List II Chemicals (Essential Chemicals):

No component(s) listed.

EPA List of Lists:

313 Category Code:

No component(s) listed.

EPCRA 302 EHS TPQ:

No component(s) listed.

EPCRA 304 EHS RQ:

No component(s) listed.

CERCLA RQ:

1310-58-3

POTASSIUM HYDROXIDE

EPCRA 313 TRI:

No component(s) listed.

RCRA Code:

No component(s) listed.

CAA 112 (r) RMP TQ:

No component(s) listed.

State RegulationsMassachusetts:

100-51-6

BENZYL ALCOHOL

141-43-5

ETHANOLAMINE

Minnesota:

100-51-6

BENZYL ALCOHOL

**FILA INDUSTRIA CHIMICA S.P.A.**

Revision nr. 1

Dated 1/17/2019

First compilation

Printed on 07/08/2019

Page n. 12/13

GROUTRENEW**Safety Data Sheet**

According to U.S.A. Federal Hazcom 2012

141-43-5 ETHANOLAMINE

New Jersey:

141-43-5 ETHANOLAMINE

New York:

No component(s) listed.

Pennsylvania:

100-51-6 BENZYL ALCOHOL

141-43-5 ETHANOLAMINE

California:

141-43-5 ETHANOLAMINE

Proposition 65:International RegulationsSubstances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Canadian WHMIS

Information not available


16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H319	Causes serious eye irritation.

LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAA 112 ® RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112®)
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)

	FILA INDUSTRIA CHIMICA S.P.A.	Revision nr. 1 Dated 1/17/2019 First compilation Printed on 07/08/2019 Page n. 13/13
	GROUTRENEW	
Safety Data Sheet According to U.S.A. Federal Hazcom 2012		

- CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act)
- CLP: EC Regulation 1272/2008
- DEA: Drug Enforcement Administration
- EmS: Emergency Schedule
- EPA: US Environmental Protection Agency
- EPCRA: Emergency Planning and Community Right-to Know Act
- EPCRA 302 EHS TPQ: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code)
- EPCRA 304 EHS RQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code)
- EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code)
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PEL: Predicted exposure level
- RCRA Code: Resource Conservation and Recovery Act Code
- REL: Recommended exposure limit
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TSCA: Toxic Substances Control Act
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- WHMIS: Workplace Hazardous Materials Information System.

GENERAL BIBLIOGRAPHY:

- GHS rev. 3
- The Merck Index. 10th Edition
- Handling Chemical Safety
- Niosh - Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website
- 6 NYCRR part 597
- Cal/OSHA website
- California Safe Drinking Water and Toxic Enforcement Act
- EPA website
- Hazard Communication Standard (HCS 2012)
- IARC website
- List Of Lists EPA: Consolidated List of Chemicals Subject to EPCRA, CERCLA and Section 112® of the Clean Air Act
- Massachusetts 105 CMR Department of public health 670.000: "Right to Know"
- Minnesota Chapter 5206 Department Of Labor and Industry Hazardous Substances, Employee "Right to Know".
- New Jersey Worker and Community Right to know Act N.J.S.A.
- NTP. 2011. Report on Carcinogens, 12th Edition.
- OSHA website
- Pennsylvania, Hazardous Substance List, Chapter 323

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

MSDS are subject to change without notice.

First issue