

Safety Data Sheet

ULTRACARE GROUT RELEASE

Safety Data Sheet dated: 06/10/2021 - version 4

Date of first edition: 05/18/2017



1. Identification

Product identifier

Mixture identification:

Trade name: ULTRACARE GROUT RELEASE

Other means of identification

Trade code: 3008

Recommended use and restrictions on use

Recommended use: Coating

Restrictions on use: N.A.

Supplier's details

Company: MAPEI INC. (Canada)

2900 Francis-Hughes Avenue

H7L 3J5 - Laval - QC - CAN

Emergency phone number

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

2. Hazard identification



Classification of the product

May cause an allergic skin reaction.

Label elements

Pictograms and Signal Words



Warning

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P261 Avoid breathing mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see supplementary instructions on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with applicable regulations.

Other hazards

None

Ingredient(s) with unknown acute toxicity

None

3. Composition/information on ingredients

Substances

N.A.

Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

List of components

Concentration (% w/w)	Name	Ident. Numb.	Classification	Registration Number
2.5-5 %	ISOPROPYL ALCOHOL	CAS:67-63-0 EC:200-661-7 Index:603-117-00-0	Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336	N.A.
0.49-1 %	DIETHANOLAMINE	CAS:111-42-2	Acute Tox. 4, H302; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT RE 2, H373	

The actual concentration of the components listed above is withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

- Wash immediately with water.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

- Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

N.A.

Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

- (see paragraph 4.1)

5. Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

- Water.
- Carbon dioxide (CO₂).

Unsuitable extinguishing media:

- None in particular.

Specific hazards arising from the hazardous product

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: N.A.
- Explosive properties: N.A.
- Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

- Use suitable breathing apparatus.
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Wear personal protection equipment.
- Remove persons to safety.
- Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
- Limit leakages with earth or sand.

Methods and material for containment and cleaning up

- Suitable material for taking up: absorbing material, organic, sand
- Retain contaminated washing water and dispose it.

7. Handling and storage

Precautions for safe handling

- Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Store above freezing

Storage temperature: N.A.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

8. Exposure controls/personal protection

Control parameters

List of components with OEL value

Component	OEL Type	Country	Ceiling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behaviour	Note
ISOPROPYL ALCOHOL	ACGIH				200		400		A4
	OSHA			980	400				
	ACGIH				200		400		A4 - Not Classifiable as a Human Carcinogen; CNS impairment; eye and upper respiratory tract irritation;
	MAK	GERMANY		500	200				
	ACGIH				200		400		A4 - Not Classifiable as a Human Carcinogen; CNS impairment; eye and upper respiratory tract irritation
	MAK	AUSTRIA		500	200	2000	800		
DIETHANOLAMINE	MAK	SWITZERLAND		500	200				
	ACGIH			1					A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans; Skin - potential significant contribution to overall exposure by the cutaneous route; kidney and liver damage;
	MAK	GERMANY		1					
	ACGIH			1					A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans; Skin - potential significant contribution to overall exposure by the cutaneous route; kidney and liver damage
	MAK	AUSTRIA		2	0,46	4	0,92		
	MAK	SWITZERLAND		1					

Biological Exposure Index

CAS-No.	Component	Value	UoM	Medium	Biological Indicator	Sampling Period
67-63-0	ISOPROPYL ALCOHOL	40	mg/L	Urine	Acetone	End of turn; End of working week

Appropriate engineering controls

N.A.

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Nitrile rubber - NBR: thickness $\geq 0,35\text{mm}$; breakthrough time $\geq 480\text{min}$.

Butyl rubber - IIR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluorinated rubber - FKM: thickness $\geq 0,4\text{mm}$; breakthrough time $\geq 480\text{min}$.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

N.A.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: clear

Odour: Like: Alcohol

Odour threshold: No data available

pH: 8.75

Melting point / freezing point: No data available

Initial boiling point and boiling range: 100 °C (212 °F)

Flash point: 94 °C (201 °F)

Evaporation rate: No data available

Upper/lower flammability or explosive limits: No data available

Vapour density: <1

Vapour pressure: 20.00

Relative density: 0.99 g/cm³

Solubility in water: soluble

Solubility in oil: No data available

Partition coefficient (n-octanol/water): No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Solid/gas flammability: No data available

Other information

Substance Groups relevant properties No data available

Miscibility: No data available

Fat Solubility: No data available

Conductivity: No data available

10. Stability and reactivity

Reactivity

Stable under normal conditions

Chemical stability

Data not available.

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. Toxicological information

Information on toxicological effects

Toxicological information of the mixture:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

ISOPROPYL ALCOHOL	a) acute toxicity	LD50 Oral Rat 5500 mg/kg
		LC50 Inhalation Rat 72,6 mg/l
		LD50 Skin Rabbit 12870 mg/kg
		LC50 Inhalation Rat = 16000 ppm 8h
		LD50 Skin Rabbit = 4059 mg/kg
		LC50 Inhalation Rat = 72600 mg/m ³ 4h
		LD50 Oral Rat = 1870 mg/kg
	g) reproductive toxicity	No Observed Adverse Effect Level Oral Rat 1
DIETHANOLAMINE	a) acute toxicity	LD50 Oral Rat = 0,62000 ml/kg
		LD50 Oral Rat = 1600,00000 mg/kg
		LD50 Skin Rabbit > 8200,00000 mg/kg
		LD50 Skin Rabbit = 11,9 ml/kg
		LD50 Oral Rat = 780 mg/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- Toxicological kinetics, metabolism and distribution information
- i) STOT-repeated exposure
- j) aspiration hazard

Substance(s) listed on the IARC Monographs:

ISOPROPYL ALCOHOL	Group 3
DIETHANOLAMINE	Group 2B

Substance(s) listed as OSHA Carcinogen(s):

DIETHANOLAMINE

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. Ecological information

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

List of components with eco-toxicological properties

Component	Ident. Numb.	Ecotox Infos
ISOPROPYL ALCOHOL	CAS: 67-63-0 - EINECS: 200-661-7 - INDEX: 603-117-00-0	LC50 Fish Pimephales promelas 9640 mg/L 96h „Veith, G.D., Call, D.J. & Brooke, L.T., Estimating the Acute Toxicity of Narcotic Industrial Chemicals to Fathead Minnows. In: Bishop, W.E., Cardwell, R.D. & Heidolph, B.B. Eds. Aquatic Toxicology and Hazard Assessment: 6th Symp., ASTM STP 802, Philadelph
		LC100 Fish Leuciscus idus melanotus 9750 mg/L 48h „Juhnke, I. Ludemann, D.: Ergebnisse der Untersuchung von 200 chemischen Verbindungen auf akute

Fischtoxizität mit dem Goldorfeintest. Z. Wasser-Abwasser-Forschung 11 (1978) 161-164. - 9750 10920 mg/L

LC50 Fish *Leuciscus idus melanotus* 8970 mg/L 48h „Juhnke, I. Ludemann, D.: Ergebnisse der Untersuchung von 200 chemischen Verbindungen auf akute Fischtoxizität mit dem Goldorfeintest. Z. Wasser-Abwasser-Forschung 11 (1978) 161-164. - 8970 9280 mg/L

EC0 *Daphnia magna* > 10000 mg/L 24h „Bringmann, G. & Kuehn, R., Results of the Damaging Effect of Water Pollutants on *Daphnia magna*, Z. Wasser Abwasser Forsch., 10(5), 1977, 161 - 166.

EC50 *Daphnia magna* 9700 mg/L 24h „Bringmann, G. Kuhn, R.: Ergebnisse der Schadwirkung wassergefährdender Stoffe gegen *Daphnia magna* in einem weiterentwickelten standardisierten Testverfahren. Z. Wasser-Abwasser-Forschung 15 (1982) 1-6.

EC100 *Daphnia magna* > 10000 mg/L 24h „Bringmann, G. Kuhn, R.: Ergebnisse der Schadwirkung wassergefährdender Stoffe gegen *Daphnia magna* in einem weiterentwickelten standardisierten Testverfahren. Z. Wasser-Abwasser-Forschung 15 (1982) 1-6.

EC10 Algae *Scenedesmus subspicatus* (*Desmodesmus subspicatus*) > 1000 mg/L 96h „Knacker, T. Lebertz, H. Klopffer, W. Zietz, E. Brodsky, J. Oppelt, B. Hilt, J. Spychala, U. Reifenberg, P. Millhoff, H. Kohl, E.G.: Experimentelle Bestimmung von Stoffdaten zur Einstufung "umweltgefährlich

EC90 Algae *Scenedesmus subspicatus* (*Desmodesmus subspicatus*) > 1000 mg/L 96h „Knacker, T. Lebertz, H. Klopffer, W. Zietz, E. Brodsky, J. Oppelt, B. Hilt, J. Spychala, U. Reifenberg, P. Millhoff, H. Kohl, E.G.: Experimentelle Bestimmung von Stoffdaten zur Einstufung "umweltgefährlich

EC50 Algae *Scenedesmus subspicatus* (*Desmodesmus subspicatus*) > 1000 mg/L 96h „Knacker, T. Lebertz, H. Klopffer, W. Zietz, E. Brodsky, J. Oppelt, B. Hilt, J. Spychala, U. Reifenberg, P. Millhoff, H. Kohl, E.G.: Experimentelle Bestimmung von Stoffdaten zur Einstufung "umweltgefährlich

LOEC Algae *Scenedesmus quadricauda* 1800 mg/L 7d „Bringmann, G. & Kuehn, R., Comparison of the Toxicity Thresholds of Water Pollutants to Bacteria, Algae and Protozoa in the Cell Multiplication Inhibition Test, Water Research, 14, 1980, 231 - 241.

a) Aquatic acute toxicity : LC50 Fish *Pimephales promelas* = 9640 mg/L 96h IUCLID

a) Aquatic acute toxicity : LC50 Fish *Lepomis macrochirus* > 1400000 µg/L 96h EPA

a) Aquatic acute toxicity : EC50 *Daphnia magna* = 13299 mg/L 48h IUCLID

a) Aquatic acute toxicity : EC50 Algae *Desmodesmus subspicatus* > 1000 mg/L 96h IUCLID

a) Aquatic acute toxicity : EC50 Algae *Desmodesmus subspicatus* > 1000 mg/L 72h IUCLID

a) Aquatic acute toxicity : LC50 Fish *Pimephales promelas* = 11130 mg/L 96h IUCLID

DIETHANOLAMINE

CAS: 111-42-2

a) Aquatic acute toxicity : LC50 Fish *Pimephales promelas* 4460 mg/L 96h EPA

a) Aquatic acute toxicity : LC50 Fish *Lepomis macrochirus* 600 mg/L 96h IUCLID

a) Aquatic acute toxicity : EC50 *Daphnia magna* = 55 mg/L 48h IUCLID

a) Aquatic acute toxicity : LC50 Fish *Pimephales promelas* 1200 mg/L 96h EPA

a) Aquatic acute toxicity : EC50 Algae *Desmodesmus subspicatus* = 7,8 mg/L 72h IUCLID

a) Aquatic acute toxicity : EC50 Algae *Pseudokirchneriella subcapitata* 2,1 mg/L 96h IUCLID

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

13. Disposal considerations

Safe handling and methods for disposal

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

UN number

TDG-UN number: N.A.

ADR-UN number: N.A.

DOT-UN Number: N.A.

IATA-Un number: N.A.

IMDG-Un number: N.A.

UN proper shipping name

TDG-Shipping Name: N.A.

ADR-Shipping Name: N.A.

DOT-Proper Shipping Name: N.A.

IATA-Technical name: N.A.

IMDG-Technical name: N.A.

Transport hazard class(es)

TDG-Class: N.A.

ADR-Class: N.A.

DOT-Hazard Class: N.A.

IATA-Class: N.A.

IMDG-Class: N.A.

Packing group

TDG-Packing Group: N.A.

ADR-Packing Group: N.A.

DOT Packing Group: N.A.

IATA-Packing group: N.A.

IMDG-Packing group: N.A.

Environmental hazards

Marine pollutant: No

Environmental Pollutant: N.A.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

N.A.

Special precautions in connection with transport or conveyance

TDG:

TDG Special provisions: N/A

Department of Transportation (DOT):

N.A.
Road and Rail (ADR-RID) :
N.A.
Air (IATA) :
N.A.
Sea (IMDG) :
N.A.

15. Regulatory information

Canada - Federal regulations

DSL - Domestic Substances List

DSL Inventory:

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

NDSL Inventory:

No substances listed

NPRI - National Pollutant Release Inventory

Substances listed in NPRI:

No substances listed

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

ISOPROPYL ALCOHOL is listed in TSCA Section 8b

DIETHANOLAMINE is listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

DIETHANOLAMINE

Section 313 - Toxic chemical list:

ISOPROPYL ALCOHOL

DIETHANOLAMINE

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

DIETHANOLAMINE Reportable quantity: 100 pounds

CAA - Clean Air Act

CAA listed substances:

DIETHANOLAMINE is listed in CAA Section 112(b) - HAP Section 112(b) - HON

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

DIETHANOLAMINE Listed as carcinogen

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

ISOPROPYL ALCOHOL

DIETHANOLAMINE

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

ISOPROPYL ALCOHOL

DIETHANOLAMINE

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

ISOPROPYL ALCOHOL

DIETHANOLAMINE

16. Other information

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Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Code	Description
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CLP: Classification, Labeling, Packaging.
EINECS: European Inventory of Existing Commercial Chemical Substances.
INCI: International Nomenclature of Cosmetic Ingredients.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
GefStoffVO: Ordinance on Hazardous Substances, Germany.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
WGK: German Water Hazard Class.
KSt: Explosion coefficient.

Paragraphs modified from the previous revision:

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 6. ACCIDENTAL RELEASE MEASURES
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 12. ECOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION