Safety Data Sheet
ULTRACARE GROUT RELEASE
Safety Data Sheet dated: 06/16/2021 - version 6
Date of first edition: 05/08/2015

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: ULTRACARE GROUT RELEASE

Trade code: 9011541

Recommended use of the chemical and restrictions on use

Recommended use: Coating

Restrictions on use: Not available

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: MAPEI CORP. (USA and Puerto Rico)

1144 East Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Responsible: RDProductSafety@mapei.com

Emergency 24 hour numbers:

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

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

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Skin Sens. 1	May cause an allergic skin reaction.

Label elements

Hazard pictograms and Signal Word

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.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in accordance with applicable regulations.

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not available

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

List of components

Concentra	Name	Ident. Numb.	Classification	Registration Number

tion (% w/w)				
2.5-5 %	isopropyl alcohol; Isopropanol	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; 2,2'-iminodiethanol	CAS:111-42-2	Acute Tox. 4, H302; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT RE 2, H373	

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Obtain medical attention if skin related symptoms persist.

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

Not available

Indication of any immediate medical attention and special treatment needed

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

Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO_2).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: Not available

Oxidizing properties: Not available

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: Not available

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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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; Isopropanol	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		
	MAK	SWITZERLAND		500	200				
diethanolamine; 2,2'-iminodiethanol	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

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

Appropriate engineering controls: Not available

Individual protection measures

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 >=0,5mm; breakthrough time >=480min.

Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.

Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.

Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.

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.

Not available

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 (kPa 50›C) 20mm Hg@ 68 F

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 product:

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 of the main substances found in the product:

isopropyl alcohol; Isopropanol	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/m3 4h
		LD50 Oral Rat = 1870 mg/kg
	g) reproductive toxicity	No Observed Adverse Effect Level Oral Rat 1
diethanolamine; 2,2'-iminodiethanol	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; Isopropanol	Group 3
diethanolamine; 2,2'-iminodiethanol	Group 2B

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

diethanolamine; 2,2'-iminodiethanol

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

None

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

None

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12. ECOLOGICAL INFORMATION

Toxicity

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

Eco-Toxicological Information:

List of components with eco-toxicological properties

Component	Ident. Numb.	Ecotox Infos
isopropyl alcohol; Isopropanol	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 FischtoxizitÃ¤t mit dem Goldorfentest. 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 FischtoxizitÃ¤t mit dem Goldorfentest. Z. Wasser-Abwasser-Forschung 11 (1978) 161-164. - 8970 9280 mg/L EC0 Daphnia 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 Daphnia magna 9700 mg/L 24h ,,Bringmann, G. Kuhn, R.: Ergebnisse der Schadwirkung wassergefÃ¤hrdender Stoffe gegen Daphnia magna in einem weiterentwickelten standardisierten Testverfahren. Z.Wasser-Abwasser-Forschung 15 (1982) 1-6. EC100 Daphnia Daphnia magna > 10000 mg/L 24h ,,Bringmann, G. Kuhn, R.: Ergebnisse der Schadwirkung wassergefÃ¤hrdender 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 "umweltgefÃ¤hrlich 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 "umweltgefÃ¤hrlich 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 "umweltgefÃ¤hrlich 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 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; 2,2'-iminodiethanol	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 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

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

ADR-UN number: Not available

DOT-UN Number: Not available

IATA-Un number: Not available

IMDG-Un number: Not available

UN proper shipping name

ADR-Shipping Name: Not available

DOT-Proper Shipping Name: Not available

IATA-Technical name: Not available

IMDG-Technical name: Not available

Transport hazard class(es)

ADR-Class: Not available

DOT-Hazard Class: Not available

IATA-Class: Not available

IMDG-Class: Not available

Packing group

ADR-Packing Group: Not available

DOT-Packing group: Not available

IATA-Packing group: Not available

IMDG-Packing group: Not available

Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not available

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not available

Special precautions

Department of Transportation (DOT):

Not available

Road and Rail (ADR-RID) :

Not available

Air (IATA) :

Not available

Sea (IMDG) :

Not available

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

isopropyl alcohol; Isopropanol	is listed in TSCA	Section 8b
diethanolamine; 2,2'-iminodiethanol	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; 2,2'-iminodiethanol

Section 313 - Toxic chemical list:

isopropyl alcohol; Isopropanol

diethanolamine; 2,2'-iminodiethanol

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

diethanolamine; 2,2'-iminodiethanol	Reportable quantity:	100	pounds

CAA - Clean Air Act

CAA listed substances:

diethanolamine; 2,2'-iminodiethanol	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; 2,2'-iminodiethanol	Listed as carcinogen

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

isopropyl alcohol; Isopropanol

diethanolamine; 2,2'-iminodiethanol

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

isopropyl alcohol; Isopropanol

diethanolamine; 2,2'-iminodiethanol

New Jersey Right to know

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

isopropyl alcohol; Isopropanol

diethanolamine; 2,2'-iminodiethanol

Canada - Federal regulations

DSL - Domestic Substances List

DSL (Domestic Substances List)

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

NDSL (Non Domestic Substances List)

No substances listed

NPRI - National Pollutant Release Inventory

NPRI (National Pollutant Release Inventory) - List of substances listed.

No substances listed

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16. OTHER INFORMATION

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Additional classification information

NFPA Health: 1 = Slight
NFPA Flammability: 1 = Combustible if heated
NFPA Reactivity: 0 = Minimal
NFPA Special Risk: NONE

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
- 7. HANDLING AND STORAGE
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 12. ECOLOGICAL INFORMATION
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- 16. OTHER INFORMATION