

Safety Data Sheet

ULTRACARE EVERY DAY STONE CLEAN & POLISH

Safety Data Sheet dated: 5/11/2015 - version 1

Date of first edition: 5/11/2015

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: ULTRACARE EVERY DAY STONE CLEAN & POLISH

Recommended use of the chemical and restrictions on use

Recommended use: Cleaner

Restrictions on use: N.A.

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

Phone: 954-246-8888

Emergency 24 hour numbers:

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-613-996-6666

2. HAZARD(S) IDENTIFICATION



Classification of the chemical

Classification of the chemical

Skin Sens. 1 May cause an allergic skin reaction.

Label elements

Symbols:



Warning

Code	Description
H317	May cause an allergic skin reaction.
P261.1	Avoid breathing mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280.1	Wear protective gloves and eye protection.
P302+P352.A	IF ON SKIN: Wash with plenty of water.
P321.A	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.A	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

N.A.

Mixtures

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

List of components

Quantity	Name	Ident. Numb.	Classification
1-5 %	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
1-5 %	2-Butoxyethanol	CAS:111-76-2	Acute Tox. 4, H332; Acute Tox. 4, H312; Acute Tox. 4, H302; Eye Irrit. 2A, H319; Skin Irrit. 2, H315
0.01-0.1 %	Citrus Terpenes	CAS:94266-47-4	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Eye Irrit. 2A, H319

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

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

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

- Water.
- Carbon dioxide (CO₂).

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: 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.
- See protective measures under point 7 and 8.

Methods and material for containment and cleaning up

- Suitable material for taking up: absorbing material, organic, sand
- Wash with plenty of water.

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

Storage temperature: N.A.

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	Celling	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; prevent or reduce skin absorption;
2-Butoxyethanol	OSHA			240	50				A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans; eye and upper respiratory tract irritation;
	ACGIH				20				Possibility of significant uptake through the skin;
	EU			98	20	246	50	Indicative	

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
111-76-2	2-Butoxyethanol	200	MGGCREAT	Urine	Butoxyacetic acid (BAA)	End of turn

Appropriate engineering controls: N.A.

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:

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

Respiratory protection:

N.A.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: clear

Odour: N.A.

Odour threshold: N.A.

pH: 10.20

Melting point / freezing point: N.A.

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

Flash point: >100 °C (212 °F)

Evaporation rate: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Vapour pressure: N.A.

Relative density: N.A.

Solubility in water: Soluble

Solubility in oil: N.A.

Partition coefficient (n-octanol/water): N.A.

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Viscosity: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

Solid/gas flammability: N.A.

Other information

Substance Groups relevant properties N.A.

Miscibility: N.A.

Fat Solubility: N.A.

Conductivity: N.A.

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:

2-Butoxyethanol	a) acute toxicity	LD50 Skin Rabbit = 220mg/kg LC50 Inhalation Rat = 450ppm 4h LD50 Oral Rat = 470mg/kg
Isopropyl alcohol	g) reproductive toxicity a) acute toxicity	No Observed Adverse Effect Level Oral Rat LD50 Oral Rat 5500mg/kg LC50 Inhalation Rat 72,6mg/l LD50 Skin Rabbit 12870mg/kg LC50 Inhalation Rat = 16000ppm 8h

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
- i) STOT-repeated exposure
- j) aspiration hazard

Substance(s) listed on the IARC Monographs:

2-Butoxyethanol	Group 3
Isopropyl alcohol	Group 3

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

None

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

None

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

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

Quantity	Component	Ident. Numb.	Ecotox Infos
1-5 %	Isopropyl alcohol	CAS: 67-63-0 - EINECS: 200-661-7 - 67-548-EC: 603-117-00-0	LC50 Fish Pimephales promelas9640mg/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, Philadelp LC100 Fish Leuciscus idus melanotus9750mg/L 48h „Juhnke, I. Ludemann, D.: Ergebnisse der Untersuchung von 200 chemischen Verbindungen auf akute Fischtoxizität mit dem Goldorfenfest. Z. Wasser-Abwasser-Forschung 11 (1978) 161-164.9750 10920 mg/L LC50 Fish Leuciscus idus melanotus8970mg/L 48h „Juhnke, I. Ludemann, D.: Ergebnisse der Untersuchung von 200 chemischen Verbindungen auf akute Fischtoxizität mit dem Goldorfenfest. Z. Wasser-Abwasser-Forschung 11 (1978) 161-164.8970 9280 mg/L EC0 Daphnia Daphnia magna> 10000mg/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 magna9700mg/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 Daphnia magna> 10000mg/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 EC10Bd.1. Forschungsbericht Nr. 106 04 03];AlgaeBd.1. Forschungsbericht Nr. 106 04 03];Scenedesmus subspicatus (Desmodesmus subspicatus)>Bd.1. Forschungsbericht Nr. 106 04 03];1000mg/LBd.1. Forschungsbericht Nr. 106 04 03];96hBd.1. Forschungsbericht Nr. 106 04 03];„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 Stoff EC90Bd.1. Forschungsbericht Nr. 106 04 03];AlgaeBd.1. Forschungsbericht Nr. 106 04 03];Scenedesmus subspicatus (Desmodesmus subspicatus)>Bd.1. Forschungsbericht Nr. 106 04 03];1000mg/LBd.1. Forschungsbericht Nr. 106 04 03];96hBd.1. Forschungsbericht Nr. 106 04 03];„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 Stoff EC50Bd.1. Forschungsbericht Nr. 106 04 03];AlgaeBd.1. Forschungsbericht Nr. 106 04 03];Scenedesmus subspicatus (Desmodesmus subspicatus)>Bd.1. Forschungsbericht Nr. 106 04 03];1000mg/LBd.1. Forschungsbericht Nr. 106 04 03];96hBd.1. Forschungsbericht Nr. 106 04 03];„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 Stoff LOEC Algae Scenedesmus quadricauda1800mg/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 LC50 a) Aquatic acute toxicity Fish Pimephales promelas= 9640mg/L 96h IUCLID LC50 a) Aquatic acute toxicity Fish Lepomis macrochirus> 1400000µg/L 96h EPA EC50 a) Aquatic acute toxicity Daphnia Daphnia magna= 13299mg/L 48h IUCLID EC50 a) Aquatic acute toxicity Algae Desmodesmus subspicatus> 1000mg/L 96h IUCLID EC50 a) Aquatic acute toxicity Algae Desmodesmus subspicatus> 1000mg/L 72h IUCLID
1-5 %	2-Butoxyethanol	CAS: 111-76-2	LC50 a) Aquatic acute toxicity Fish Lepomis macrochirus= 1490mg/L 96h EPA EC50 a) Aquatic acute toxicity Daphnia Daphnia magna> 1000mg/L 48h EPA

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

UN number

ADR-UN number: N.A.

DOT-UN Number: N.A.

IATA-Un number: N.A.

IMDG-Un number: N.A.

UN proper shipping name

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)

ADR-Class: N.A.
DOT-Hazard Class: N.A.
IATA-Class: N.A.
IMDG-Class: N.A.

Packing group

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 MARPOL73/78 and the IBC Code

N.A.

Special precautions

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

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	is listed in TSCA	Section 8b
2-Butoxyethanol	is listed in TSCA	Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

no substances listed

Section 304 - Hazardous substances:

no substances listed

Section 313 - Toxic chemical list:

Isopropyl alcohol

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

no substances listed

CAA - Clean Air Act

CAA listed substances:

2-Butoxyethanol	is listed in CAA	Section 112(b) - HON
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CWA - Clean Water Act

CWA listed substances:

no substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

no substances listed

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

Isopropyl alcohol

2-Butoxyethanol

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

Isopropyl alcohol

2-Butoxyethanol

New Jersey Right to know

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

Isopropyl alcohol

2-Butoxyethanol

16. OTHER INFORMATION

Code	Description
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Safety Data Sheet dated: 5/11/2015 - version 1

Product code: 3018

Additional classification information



HMIS Health: 0 = Minimal

HMIS Health - Is health hazard chronic?: No

HMIS Flammability: 1 = Combustible if heated

HMIS Reactivity: 0 = Minimal

HMIS P.P.E.: Safety glasses, gloves

NFPA Health: 0 = Minimal

NFPA Flammability: 1 = Combustible if heated

NFPA Reactivity: 0 = Minimal

NFPA Special Risk: N.A.

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.

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.