

Safety Data Sheet

ULTRACARE PENETRATING SB STONE, TILE & GROUT SEALER

Safety Data Sheet dated: 09/24/2025 - version 9

Date of first edition: 12/02/2015



1. IDENTIFICATION

Product identifier used on the label

Mixture identification:

Trade name: ULTRACARE PENETRATING SB STONE, TILE & GROUT SEALER

Trade code: 9011537

Recommended use of the chemical and restrictions on use

Recommended use: Sealant

Restrictions on use: Not available

Name, U.S. address, and U.S. 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

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

Flammable Liquids — Category 3

Flammable liquid and vapour.

Skin irritation, Category 2

Causes skin irritation.

Chronic (long term) aquatic hazard, category 3

Harmful to aquatic life with long lasting effects.

Label elements

Hazard pictograms and Signal Word



Warning

Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharge.

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/clothing and eye/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire, use a dry powder fire extinguisher to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with applicable regulations.

Hazards associated with foreseeable chemical reactions

None

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not Relevant

Mixtures

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

List of components

Qty	Name	Ident. Numb.	Classification
≥85 - <90 %	Naphtha (petroleum), hydrotreated heavy	CAS:64742-48-9 EC:265-150-3 EU CLP Index:649-327-00-6	Asp. Tox. 1, H304
≥10 - <15 %	triethoxycaprylylsilane; n-Octyltriethoxysilane	CAS:2943-75-1 EC:220-941-2	Skin Irrit. 2, H315
≥0.6 - <1 %	siloxanes and silicones, methyl methoxy, polymers with methyl silsesquioxanes;	CAS:68037-85-4 EC:614-229-4	Flam. Liq. 3, H226
≥0.1 - <0.2 %	ethyl alcohol; ethanol	CAS:64-17-5 EC:200-578-6 EU CLP Index:603-002-00-5	Flam. Liq. 2, H225

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

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 of safely.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Protect uninjured eye.

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

- Eye irritation
- Eye damages
- Skin Irritation
- Erythema

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:

In case of fire, use a dry powder fire extinguisher to extinguish.

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 Relevant

Oxidizing properties: Not Relevant

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 all sources of ignition.

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

Always keep in a well ventilated place.

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Store in a well-ventilated place. Keep cool.

Avoid direct exposure to sunlight.

Opened containers must be carefully resealed and kept upright to prevent leakage.

Flammable mixtures may accumulate within the headspace of containers at room temperature.

Storage at higher temperatures requires an appropriate evaluation of preventive and protection measures to be adopted.

Storage temperature must be defined on the basis of a proper risk evaluation. Refer to other sections for additional information.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Electrical installations / working materials must comply with the technological safety standards.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature: Not available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits (OEL)

	OEL Type	Country	Occupational Exposure Limit
Naphtha (petroleum), hydrotreated heavy CAS: 64742-48-9	MAK	GERMANY	Long Term: 300 mg/m3 - 50 ppm
	MAK	SWITZERLAND	Long Term: 300 mg/m3 - 50 ppm
ethyl alcohol; ethanol CAS: 64-17-5	ACGIH		Long Term: 1900 mg/m3
	MAK	GERMANY	Long Term: 380 mg/m3 - 200 ppm
	OSHA	AUSTRALIA	Short Term: Ceiling - 9500 mg/m3 - 1000 ppm
	ACGIH		Long Term: 1880 mg/m3 - 1000 ppm
	MAK	AUSTRIA	Long Term: 1900 mg/m3
	MAK	SWITZERLAND	Long Term: 960 mg/m3 - 500 ppm; Short Term: 1920 mg/m3 - 1000 ppm

Predicted No Effect Concentration (PNEC) values

triethoxycaprylylsilane; n-
Octyltriethoxysilane
CAS: 2943-75-1

Exposure Route: Marine water; PNEC Limit: 0,00058 mg/l
 Exposure Route: Freshwater sediments; PNEC Limit: 0,51 mg/kg
 Exposure Route: Marine water sediments; PNEC Limit: 0,051 mg/kg
 Exposure Route: Soil; PNEC Limit: 0,08 mg/kg
 Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 100 mg/l
 Exposure Route: Marine water; PNEC Limit: 0,79 mg/l

ethyl alcohol; ethanol
CAS: 64-17-5

Exposure Route: Fresh Water; PNEC Limit: 0,96 mg/l
 Exposure Route: Marine water sediments; PNEC Limit: 2,9 mg/kg
 Exposure Route: Freshwater sediments; PNEC Limit: 3,6 mg/kg

Derived No Effect Level (DNEL) values

triethoxycaprylylsilane; n-
Octyltriethoxysilane
CAS: 2943-75-1

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
 Worker Industry: 16 mg/m3; Consumer: 5,4 mg/m3

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects
 Worker Industry: 16 mg/m3; Consumer: 5,4 mg/m3

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
 Worker Industry: 9,1 mg/kg; Consumer: 6,2 mg/kg

Exposure Route: Human Dermal; Exposure Frequency: Short Term, systemic effects
 Worker Industry: 9,1 mg/kg; Consumer: 6,2 mg/kg

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
 Consumer: 6,2 mg/kg

Exposure Route: Human Oral; Exposure Frequency: Short Term, systemic effects
 Consumer: 6,2 mg/kg

ethyl alcohol; ethanol
CAS: 64-17-5

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects
 Worker Industry: 1900 mg/m3; Consumer: 950 mg/m3

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
 Worker Industry: 343 mg/kg; Consumer: 206 mg/kg

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
 Worker Industry: 950 mg/m3; Consumer: 114 mg/m3

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
 Consumer: 87 mg/kg

Appropriate engineering controls: Not available

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use contact lenses.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance and colour:	liquid clear
Odour:	characteristic
Odour threshold:	Not Relevant
Melting point / freezing point:	Not Relevant
Initial boiling point and boiling range:	188 °C (370 °F)
Flammability:	Not Relevant
Upper/lower flammability or explosive limits:	Not Relevant
Flash point:	47 °C (117 °F)
Auto-ignition temperature:	Not Relevant
Decomposition temperature:	Not Relevant
pH:	Not Relevant
Viscosity:	50.00 mPA-s
Kinematic viscosity:	> 20,5 mm ² /sec (40 °C)
Solubility in water:	insoluble
Solubility in oil:	Not Relevant
Partition coefficient (n-octanol/water):	Not Relevant
Vapour pressure:	0.30 (kPa 50°C). mmHg @ 20 oC
Evaporation rate:	Not Relevant
Relative density:	1.00 g/cm ³
Vapour density:	No data available

Particle characteristics:

Particle size:	No data available
----------------	-------------------

Other information

Explosive properties:	Not Relevant
Oxidizing properties:	Not Relevant
Solid/gas flammability:	Not Relevant
Substance Groups relevant properties:	Not Relevant
Miscibility:	Not Relevant

Fat Solubility:	Not Relevant
Conductivity:	Not Relevant

10. STABILITY AND REACTIVITY

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

None.

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological Information of the Preparation

a) acute toxicity	Not classified
	Based on available data, the classification criteria are not met
b) skin corrosion/irritation	The product is classified: Skin irritation, Category 2(H315)
c) serious eye damage/irritation	Not classified
	Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	Not classified
	Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified
	Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified
	Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified
	Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified
	Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified
	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

Naphtha (petroleum), hydrotreated heavy	a) acute toxicity	LD50 Oral Rat > 5000 mg/kg
		LD50 Skin Rabbit > 2000 mg/kg
triethoxycaprylylsilane; n- Octyltriethoxysilane	a) acute toxicity	LD50 Oral Rat > 5110 mg/kg
		LD50 Skin Rat = 6730 mg/kg
		LD50 Oral Rat = 10060 µL/kg
ethyl alcohol; ethanol	a) acute toxicity	LD50 Oral Rat = 10470, mg/kg
		LD50 Skin Rat = 15800, mg/kg
		LC50 Inhalation Rat = 116,9 mg/l 4h
		LC50 Inhalation Rat = 133,8 mg/l 4h
		LD50 Oral Rat = 7060 mg/kg

Substance(s) listed on the IARC Monographs:

ethyl alcohol; ethanol Group 1

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

ethyl alcohol; ethanol

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

None

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

ethyl alcohol; ethanol

12. ECOLOGICAL INFORMATION

Toxicity

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

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

The product is classified: Chronic (long term) aquatic hazard, category 3(H412)

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
Naphtha (petroleum), hydrotreated heavy	CAS: 64742-48-9 - EINECS: 265-150-3 - INDEX: 649-327-00-6	a) Aquatic acute toxicity : LC50 Fish = 8,2 mg/L 96
		a) Aquatic acute toxicity : EC50 Daphnia = 4,5 mg/L 48
		a) Aquatic acute toxicity : EC50 Algae = 3,1 mg/L 72
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 2200 mg/L 96h IUCLID
triethoxycaprylylsilane; n-Octyltriethoxysilane	CAS: 2943-75-1 - EINECS: 220-941-2	a) Aquatic acute toxicity : EC50 Daphnia > 0,049 mg/L 48
		a) Aquatic acute toxicity : EC50 Algae > 0,13 mg/L 72
		a) Aquatic acute toxicity : LC50 Fish > 0,055 mg/L 96
		a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss > 0,055 mg/L 96h ECHA
ethyl alcohol; ethanol	CAS: 64-17-5 - EINECS: 200-578-6 - INDEX: 603-002-00-5	a) Aquatic acute toxicity : NOEC Daphnia 9,6 mg/L
		a) Aquatic acute toxicity : LC50 Daphnia 5012 mg/L 48
		a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 12 mL/L 96h EPA
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas > 100 mg/L 96h EPA
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 13400 mg/L 96h EPA
		a) Aquatic acute toxicity : LC50 Daphnia Daphnia magna 9268 mg/L 48h IUCLID
		a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 2 mg/L 48h EPA
		d) Terrestrial toxicity : LC50 Worm Eisenia foetida 0,1 mg/cm2 48h IUCLID
		a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 12 mL/L 96h EPA - 12.0 - 16.0 static
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas > 100 mg/L 96h EPA - static
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 13400 mg/L 96h EPA - 13400 - 15100 flow-through

a) Aquatic acute toxicity : LC50 Daphnia Daphnia magna 9268 mg/L 48h
IUCLID - 9268 - 14221

a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 2 mg/L 48h EPA -
Static

d) Terrestrial toxicity : LC50 Worm Eisenia foetida 0,1 mg/cm² 48h IUCLID -
0.1 - 1 filter paper

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

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

UN number

DOT-UN Number: UN1993

ADR-UN number: 1993

IATA-Un number: 1993

IMDG-Un number: 1993

UN proper shipping name

DOT-Proper Shipping Name: Flammable liquids, n.o.s. (aromatic hydrocarbons)

ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa, boiling point of more than 35 °C) (aromatic hydrocarbons)

IATA-Technical name: FLAMMABLE LIQUID, N.O.S. (aromatic hydrocarbons)

IMDG-Technical name: FLAMMABLE LIQUID, N.O.S. (aromatic hydrocarbons)

Transport hazard class(es)

DOT-Hazard Class: 3

ADR-Class: 3

IATA-Class: 3

IMDG-Class: 3

Packing group

DOT Packing Group: III

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: No

Transport in bulk according to IMO instruments

N.A.

Not Applicable

Special precautions

Department of Transportation (DOT):

DOT-Special Provision(s): B1, B52, IB3, T4, TP1, TP29

DOT-Label(s): 3

DOT-Symbol: N/A

DOT-Cargo Aircraft: N/A

DOT-Passenger Aircraft: N/A

DOT-Bulk: N/A

DOT-Non-Bulk: N/A

DOT-Limited Quantity threshold: 5 L

Road and Rail (ADR-RID) :

ADR exempt: No

ADR-Label: 3

ADR-Hazard identification number: 30

ADR-Transport category (Tunnel restriction code): 3 (D/E)

Air (IATA) :

IATA-Passenger Aircraft: 355

IATA-Cargo Aircraft: 366

IATA-Label: 3

IATA-Subsidiary hazards: -

IATA-Erg: 3L

IATA-Special Provisioning: A3

Sea (IMDG) :

IMDG-Stowage and handling: Category A

IMDG-Segregation: -

IMDG-Subsidiary hazards: -

IMDG-Special Provisioning: 223 274 955

IMDG-EMS: F-E, [S-E]

15. REGULATORY INFORMATION

This Safety Data Sheet has been prepared according to the Hazard Communication Standard 2024 (HCS 2024)

USA - Federal regulations

TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

TSCA listed substances:

Naphtha (petroleum),
hydrotreated heavy is listed in TSCA Section 8b

triethoxycaprylsilane; n-
Octyltriethoxysilane is listed in TSCA Section 8b

siloxanes and silicones, methyl
methoxy, polymers with methyl
silsesquioxanes; is listed in TSCA Section 8b

ethyl alcohol; ethanol 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:

No substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

No substances listed

CAA - Clean Air Act

CAA listed substances:

No substances listed

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

ethyl alcohol; ethanol Listed as carcinogen and reproductive toxicant

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

ethyl alcohol; ethanol

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

ethyl alcohol; ethanol

New Jersey Right to know

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

ethyl alcohol; ethanol

Canada - Federal regulations

DSL - Domestic Substances List

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

This product complies with NDSL inventory

NPRI - National Pollutant Release Inventory

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

No substances listed

16. OTHER INFORMATION

Safety Data Sheet dated: 9/24/2025 - version 9

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.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

Code	Hazard class and hazard category	Description
A.10/1	Asp. Tox. 1	Aspiration hazard, Category 1
A.2/2	Skin Irrit. 2	Skin irritation, Category 2
B.6/2	Flam. Liq. 2	Flammable Liquids — Category 2
B.6/3	Flam. Liq. 3	Flammable Liquids — Category 3

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.

EU CLP Index: Index number as reported in Annex VI to EU Reg. 1272/2008

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
- 2. HAZARDS IDENTIFICATION
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION
- 15. REGULATORY INFORMATION
- 16. OTHER INFORMATION