

# Safety Data Sheet

## D2 CHECK 500ML 6PZ



Safety Data Sheet dated 23/6/2021, version 3

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Mixture identification:

Trade name: D2 CHECK 500ML 6PZ

Trade code: 79292

UFI: C550-A025-X001-CV7Y

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

Recommended use:

Detergent

#### 1.3. Details of the supplier of the safety data sheet

Company:

FRA.BER S.R.L.

Via M.Merisi 40-46

24051 Antegnate (BG)

Italy

Tel.+390363905287

Competent person responsible for the safety data sheet:

info@fra-ber.it

#### 1.4. Emergency telephone number

Emergency telephone number of the company and/or of an authorised advisory centre:

Centro Antiveleni - Ospedale di Niguarda - Milano - phone: +390266101029

Fra-Ber s.r.l. via M.Merisi 40-46, 24051 Antegnate (BG) - Italy, phone: +390363905287

info@fra-ber.it

CAV "Ospedale Pediatrico Bambino Gesù" – Roma: 06.6859.3726

CAV "Azienda Ospedaliera Università di Foggia" – Foggia: 800.183.459

CAV "Azienda Ospedaliera A. Cardarelli" – Napoli: 081.545.3333

CAV Policlinico "Umberto I" – Roma: 06.4997.8000

CAV Policlinico "A. Gemelli" – Roma: 06.305.4343

CAV Azienda Ospedaliera "Careggi" U.O. Tossicologia Medica – Firenze: 055.794.7819

CAV Centro Nazionale di Informazione Tossicologica – Pavia: 0382.24.444

CAV Ospedale Niguarda – Milano: 02.66.1010.29


CAV Azienda Ospedaliera Papa Giovanni XXIII – Bergamo: 800.88.33.00

CAV Centro antiveleni Veneto – Verona: 800.011.858


### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

 Danger, Flam. Liq. 2, Highly flammable liquid and vapour.

 Warning, Eye Irrit. 2, Causes serious eye irritation.

 Warning, STOT SE 3, May cause drowsiness or dizziness.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:

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Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P271 Use only outdoors or in a well-ventilated area.

P310 Immediately call a POISON CENTER.

P370+P378 In case of fire, use water to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

PACK2 The packing must have tactile indications of danger for blind people.

Contains

ISOPROPYL ALCOHOL

METHOXYISOPROPANOL

2-metilpropan-1-olo; isobutanolo

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

Product contents:

The product also contains: Perfumes

Allergens:

Preservatives:

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

No other hazards

### SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.














3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification	Additional info
$\geq 70\% - < 80\%$	ISOPROPYL ALCOHOL	CAS: 67-63-0 EC: 200-661-7 REACH No.: 01-21194575 58-25	2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H336	REACH n° : Polymer: N.A.

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>= 5% - < 15%	METHOXYISO PROPANOL	Index number: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336	REACH n° : Polymer: N.A.
>= 2% - < 5%	BUTOXYETHA NOL	CAS: 111-76-2 EC: 203-905-0 REACH No.: 01-21194751 08-36	 3.1/4/Inhal Acute Tox. 4 H332  3.1/4/Dermal Acute Tox. 4 H312  3.1/4/Oral Acute Tox. 4 H302  3.3/2 Eye Irrit. 2 H319  3.2/2 Skin Irrit. 2 H315	REACH n° : Polymer: N.A.
>= 2% - < 5%	2-metilpropan-1- olo; isobutanolo	Index number: 603-108-00-1 CAS: 78-83-1 EC: 201-148-0 REACH No.: 01-21194846 09-23	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336  3.8/3 STOT SE 3 H335  3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318	REACH n° : Polymer: N.A.
< 2%	acetato di isopentile	CAS: 123-92-2 EC: 204-662-3 REACH No.: 01-21195484 08-32	 2.6/3 Flam. Liq. 3 H226 EUH066	REACH n° : Polymer: N.A.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off 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 under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

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

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

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None

- 4.3. 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:

None

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### SECTION 5: Firefighting measures

- 5.1. Extinguishing media  
Suitable extinguishing media:  
In case of fire, use water to extinguish.  
Extinguishing media which must not be used for safety reasons:  
None in particular.
- 5.2. Special hazards arising from the substance or mixture  
Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.
- 5.3. Advice for firefighters  
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.

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### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures  
Wear personal protection equipment.  
Remove all sources of ignition.  
Remove persons to safety.  
See protective measures under point 7 and 8.
- 6.2. Environmental precautions  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up  
Wash with plenty of water.
- 6.4. Reference to other sections  
See also section 8 and 13

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### SECTION 7: Handling and storage

- 7.1. 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.  
See also section 8 for recommended protective equipment.  
Advice on general occupational hygiene:  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities  
Always keep in a well ventilated place.  
Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

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Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

### 7.3. Specific end use(s)

None in particular

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

ISOPROPYL ALCOHOL - CAS: 67-63-0

14 - TWA(8h): 492 mg/m<sup>3</sup>, 200 ppm - STEL(15 min): 983 mg/m<sup>3</sup>, 400 ppm

ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair

METHOXYISOPROPANOL - CAS: 107-98-2

EU - TWA(8h): 375 mg/m<sup>3</sup>, 100 ppm - STEL: 563 mg/m<sup>3</sup>, 150 ppm - Notes: Skin

14 - TWA(8h): 184 mg/m<sup>3</sup>, 50 ppm - STEL(15 min): 368 mg/m<sup>3</sup>, 100 ppm

ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: A4 - Eye and URT irr

BUTOXYETHANOL - CAS: 111-76-2

- TWA: 98 mg/m<sup>3</sup>, 20 ppm - Notes: TWA

- TWA: 246 mg/m<sup>3</sup>, 50 ppm - Notes: STEL

EU - TWA(8h): 98 mg/m<sup>3</sup>, 20 ppm - STEL: 246 mg/m<sup>3</sup>, 50 ppm - Notes: Skin

ACGIH - TWA(8h): 20 ppm - Notes: A3, BEI - Eye and URT irr

2-metilpropan-1-olo; isobutanolo - CAS: 78-83-1

ACGIH - TWA(8h): 50 ppm - Notes: Skin and eye irr

acetato di isopentile - CAS: 123-92-2

EU - TWA(8h): 270 mg/m<sup>3</sup>, 50 ppm - STEL: 540 mg/m<sup>3</sup>, 100 ppm

ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: URT irr

### DNEL Exposure Limit Values

ISOPROPYL ALCOHOL - CAS: 67-63-0

Worker Industry: 888 mg/kg - Consumer: 319 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 500 mg/kg - Consumer: 89 mg/kg - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 26 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

### PNEC Exposure Limit Values

ISOPROPYL ALCOHOL - CAS: 67-63-0

Target: Fresh Water - Value: 140.9 mg/l

Target: Marine water - Value: 140.9 mg/l

Target: Microorganisms in sewage treatments - Value: 2.251 mg/l

Target: Freshwater sediments - Value: 552 mg/kg

Target: Marine water sediments - Value: 552 mg/kg

Target: Soil (agricultural) - Value: 28 mg/kg

### 8.2. Exposure controls

Eye protection:

Eye glasses.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

nitrile gloves with 0.38 mm thickness with chemical protection J,K,L, according EN 374-3:2003

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Respiratory protection:  
Use adequate protective respiratory equipment.

Thermal Hazards:  
None

Environmental exposure controls:  
None

Appropriate engineering controls:  
None

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Liquid	--	--
Colour:	Light blue	--	--
Odour:	characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	<23 °C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	9.0 ± 0.5	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	soluble	--	--
Solubility in oil:	Partially soluble	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.82 g/cm <sup>3</sup> +/-0,01 g/cm <sup>3</sup>	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

#### 9.2. Other information

Properties	Value	Method:	Notes:
Storage temperature:	5°C < x < 20°C	--	--

### SECTION 10: Stability and reactivity

10.1. Reactivity  
Stable under normal conditions

10.2. Chemical stability

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- Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
None
- 10.4. Conditions to avoid  
Stable under normal conditions.
- 10.5. Incompatible materials  
Avoid contact with combustible materials. The product could catch fire.
- 10.6. Hazardous decomposition products  
None.

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### SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

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a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

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

The product is classified: STOT SE 3 H336

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 of the main substances found in the product:

ISOPROPYL ALCOHOL - CAS: 67-63-0

a:

Test: LD50 - Route: Oral - Species: Rat 4710 mg/kg

Test: LD50 - Route: Skin - Species: Rat 12800 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat 72.6 mg/l - Duration: 4h

METHOXYISOPROPANOL - CAS: 107-98-2

a:

Test: LD50 - Route: Oral - Species: Rat 5300 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit 13000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat 54.6 mg/l - Duration: 4h

BUTOXYETHANOL - CAS: 111-76-2

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- a:  
Test: LD50 - Route: Oral - Species: Rat 1746 mg/kg  
Test: LD50 - Route: Skin 2000 mg/kg - Notes: porcellino d'india  
2-metilpropan-1-olo; isobutanolo - CAS: 78-83-1
- a:  
Test: LD50 - Route: Oral - Species: Rat 2460 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit 2460 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat 19.2 mg/l - Duration: 4h

### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

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## SECTION 12: Ecological information

### 12.1. Toxicity

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

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Not classified for environmental hazards

Based on available data, the classification criteria are not met

#### ISOPROPYL ALCOHOL - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: LC50 10.000 mg/l - Duration h: 96

#### BUTOXYETHANOL - CAS: 111-76-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1474 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 1550 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 1840 mg/l - Duration h: 72

#### 2-metilpropan-1-olo; isobutanolo - CAS: 78-83-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1430 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 1439 mg/l - Duration h: 48

#### acetato di isopentile - CAS: 123-92-2

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 450 mg/l - Duration h: 72

Endpoint: EC50 - Species: Daphnia = 42 mg/l - Duration h: 48

### 12.2. Persistence and degradability

None

#### ISOPROPYL ALCOHOL - CAS: 67-63-0

Biodegradability: Readily biodegradable

### 12.3. Bioaccumulative potential

#### ISOPROPYL ALCOHOL - CAS: 67-63-0

Test: Kow - Partition coefficient 0.05

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

### 12.7. Other adverse effects

None

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods



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Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

### SECTION 14: Transport information



- 14.1. UN number or ID number  
ADR-UN Number: 1993  
IATA-UN Number: 1993  
IMDG-UN Number: 1993
- 14.2. UN proper shipping name  
ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL, METHOXYISOPROPANOL)  
IATA-Shipping Name: FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL, METHOXYISOPROPANOL)  
IMDG-Shipping Name: FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL, METHOXYISOPROPANOL)
- 14.3. Transport hazard class(es)  
ADR-Class: 3  
ADR - Hazard identification number: 33  
IATA-Class: 3  
IATA-Label: 3  
IMDG-Class: 3
- 14.4. Packing group  
ADR-Packing Group: II  
IATA-Packing group: II  
IMDG-Packing group: II
- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No  
IMDG-EmS: 

F-E	,	S-E
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- 14.6. Special precautions for user  
ADR-Subsidiary hazards: -  
ADR-S.P.: 274 601 640C  
ADR-Transport category (Tunnel restriction code): 2 (D/E)  
IATA-Passenger Aircraft: 353  
IATA-Subsidiary hazards: -  
IATA-Cargo Aircraft: 364  
IATA-S.P.: A3  
IATA-ERG: 3H  
IMDG-Subsidiary hazards: -  
IMDG-Stowage and handling: Category B  
IMDG-Segregation: -
- 14.7. Maritime transport in bulk according to IMO instruments  
No

### SECTION 15: Regulatory information

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

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Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) n. 2020/878  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)  
Regulation (EU) n. 2018/669 (ATP 11 CLP)  
Regulation (EU) n. 2018/1480 (ATP 13 CLP)  
Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 30

Volatile Organic compounds - VOCs = 84.57 %

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.01

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

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### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

H318 Causes serious eye damage.

EUH066 Repeated exposure may cause skin dryness or cracking.

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Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method

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

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

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

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ATE: Acute Toxicity Estimate  
ATEmix: Acute toxicity Estimate (Mixtures)  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
CLP: Classification, Labeling, Packaging.  
DNEL: Derived No Effect Level.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
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).

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IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.