

Safety Data Sheet
FULCRON CASA DETERGENTE RIMUOVI
MUFFA ML 500



Safety Data Sheet dated 6/5/2021, version 6

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

1.1. Product identifier

Mixture identification:

Trade name: FULCRON CASA DETERGENTE RIMUOVI MUFFA ML 500

Trade code: 2554

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

Recommended use:

Generic multipurpose detergent

1.3. Details of the supplier of the safety data sheet

Supplier:

Arexons S.p.A.

via Antica di Cassano, 23, 20063

Cernusco sul Naviglio (MI), Italy

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Competent person responsible for the safety data sheet:

arexons@arexons.it

1.4. Emergency telephone number

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In Ireland: Beaumont Hospital - National Poisons Information Centre 01 809 2166 (7days, 8:00 - 22:00)

In South Africa: Poison Information Helpline 0861 555 777

In Malta: emergency number 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

⚠ Danger, Skin Corr. 1A, Causes severe skin burns and eye damage.

⚠ Danger, Eye Dam. 1, Causes serious eye damage.

⚠ Warning, Aquatic Acute 1, Very toxic to aquatic life.

⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

EUH031 Contact with acids liberates toxic gas.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:



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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.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

EUH031 Contact with acids liberates toxic gas.
PACK1 The packing must be featured by a safety lock for children.
PACK2 The packing must have tactile indications of danger for blind people.
EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

Contains

sodium hypochlorite, solution ... % Cl active 5%

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

None

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

Product contents:

Non-ionic surfactants < 5 %

The product also contains: Perfumes

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:

$\geq 5\%$ - $< 7\%$ sodium hypochlorite, solution ... % Cl active

REACH No.: 01-2119488154-34, Index number: 017-011-00-1, CAS: 7681-52-9, EC: 231-668-3

⚠ 3.2/1B Skin Corr. 1B H314

⚠ 3.3/1 Eye Dam. 1 H318

⚠ 4.1/A1 Aquatic Acute 1 H400 M=10.

⚠ 4.1/C1 Aquatic Chronic 1 H410 M=1.

EUH031

Specific Concentration Limits:

C $\geq 5\%$: EUH031

Acute Toxicity Estimate:

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- >= 0.5% - < 1% sodium hydroxide; caustic soda
Index number: 011-002-00-6, CAS: 1310-73-2, EC: 215-185-5
⚠ 3.2/1A Skin Corr. 1A H314
- >= 0.25% - < 0.5% Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides
REACH No.: 01-2119490061-47, CAS: 308062-28-4, EC: 931-292-6
⚠ 3.1/4/Oral Acute Tox. 4 H302
⚠ 3.2/2 Skin Irrit. 2 H315
⚠ 3.3/1 Eye Dam. 1 H318
⚠ 4.1/A1 Aquatic Acute 1 H400
⚠ 4.1/C2 Aquatic Chronic 2 H411
- >= 0.005% - < 0.01% DYPHENYL OXYDE
CAS: 101-84-8, EC: 202-981-2
⚠ 3.3/2 Eye Irrit. 2 H319
⚠ 4.1/C2 Aquatic Chronic 2 H411

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

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 induce vomiting.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Appropriate Extinguishing Media:

Not Recommended Extinguishing Media:

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 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

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
 - Keep away from food, drink and feed.
 - Incompatible materials:
 - Keep away from acids.
 - Instructions as regards storage premises:
 - Adequately ventilated premises.
- 7.3. Specific end use(s)
 - None in particular

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
 - sodium hydroxide; caustic soda - CAS: 1310-73-2
 - 20101.10 - TWA: 2 mg/m³
 - ACGIH - STEL: Ceiling 2 mg/m³ - Notes: URT, eye, and skin irr
 - DYPHENYL OXYDE - CAS: 101-84-8
 - ACGIH - TWA(8h): 1 ppm - STEL: 2 ppm - Notes: (V) - URT and eye irr, nausea
 - EU - TWA(8h): 7 mg/m³, 1 ppm - STEL: 14 mg/m³, 2 ppm
 - DNEL Exposure Limit Values
 - sodium hypochlorite, solution ... % Cl active - CAS: 7681-52-9
 - Worker Professional: 3.1 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
 - Worker Professional: 3.1 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
 - Worker Professional: 1.55 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 - Worker Professional: 1.55 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
 - sodium hydroxide; caustic soda - CAS: 1310-73-2

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Worker Professional: 1 mg/m³ - Consumer: 1 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 1 mg/m³ - Consumer: 1 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4

Worker Professional: 11 mg/kg - Consumer: 5.5 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 6.2 mg/m³ - Consumer: 1.53 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 0.44 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

sodium hypochlorite, solution ... % Cl active - CAS: 7681-52-9

Target: Fresh Water - Value: 0.00021 mg/l

Target: Marine water - Value: 0.000042 mg/l

Target: Microorganisms in sewage treatments - Value: 0.03 mg/l

Target: 08 - Value: 0.00260 mg/l

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4

Target: Fresh Water - Value: 0.0335 mg/l

Target: Marine water - Value: 0.00335 mg/l

Target: Freshwater sediments - Value: 5.24 mg/kg

Target: Marine water sediments - Value: 0.524 mg/kg

Target: Soil (agricultural) - Value: 1.02 mg/kg

8.2. Exposure controls

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:

Not needed for normal use.

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: | N.A. | -- | -- |
| Odour: | Characteristic | -- | -- |
| Melting point/freezing point: | N.A. | -- | -- |
| Boiling point or initial boiling point and boiling range: | N.A. | -- | -- |
| Flammability: | N.A. | -- | -- |

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| | | | |
|--|---------|----|----|
| Lower and upper explosion limit: | N.A. | -- | -- |
| Flash point: | N.A. | -- | -- |
| Auto-ignition temperature: | N.A. | -- | -- |
| Decomposition temperature: | N.A. | -- | -- |
| pH: | 12.3 | -- | -- |
| Kinematic viscosity: | N.A. | -- | -- |
| Solubility in water: | Soluble | -- | -- |
| Solubility in oil: | N.A. | -- | -- |
| Partition coefficient n-octanol/water (log value): | N.A. | -- | -- |
| Vapour pressure: | N.A. | -- | -- |
| Density and/or relative density: | 1,08 | -- | -- |
| Relative vapour density: | N.A. | -- | -- |
| Particle characteristics: | | | |
| Particle size: | N.A. | -- | -- |

9.2. Other information
 No other relevant information

SECTION 10: Stability and reactivity

- 10.1. Reactivity
 Stable under normal conditions
- 10.2. Chemical stability
 Stable under normal conditions
- 10.3. Possibility of hazardous reactions
 None
- 10.4. Conditions to avoid
 Stable under normal conditions.
- 10.5. Incompatible materials
 None in particular.
- 10.6. Hazardous decomposition products
 None.

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

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- Not classified
Based on available data, the classification criteria are not met
- b) skin corrosion/irritation
The product is classified: Skin Corr. 1A H314
- c) serious eye damage/irritation
The product is classified: Eye Dam. 1 H318
- 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 of the main substances found in the product:
- sodium hypochlorite, solution ... % Cl active - CAS: 7681-52-9
- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg
Test: LC50 - Route: Inhalation Mist - Species: Rat > 10.5 mg/l
- b) skin corrosion/irritation:
Test: Skin Irritant - Species: Rabbit Positive
- c) serious eye damage/irritation:
Test: Eye Irritant - Species: Rabbit Positive
- e) germ cell mutagenicity:
Test: oecd Negative
- f) carcinogenicity:
Test: Carcinogeneticity Negative
- g) reproductive toxicity:
Test: OECD 415 Negative
- sodium hydroxide; caustic soda - CAS: 1310-73-2
- a) acute toxicity:
Test: LD50 - Route: Skin - Species: Rat 1350 mg/kg
Test: LD50 - Route: Oral - Species: Rat 1350 mg/kg
- b) skin corrosion/irritation:
Test: Skin Corrosive - Species: Rabbit Positive
- c) serious eye damage/irritation:
Test: Eye Corrosive Positive
- d) respiratory or skin sensitisation:
Test: Skin Sensitization Negative
- e) germ cell mutagenicity:
Test: Genotoxicity Negative
- Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4

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a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 1064 mg/kg

11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
sodium hypochlorite, solution ... % Cl active - CAS: 7681-52-9
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia > 0.048 mg/l - Duration h: 48
Endpoint: LC50 - Species: Fish > 0.060 mg/l - Duration h: 96
Endpoint: EC50 - Species: Algae > 0.0183 mg/l - Duration h: 72
sodium hydroxide; caustic soda - CAS: 1310-73-2
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 35 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 40.4 mg/l - Duration h: 48
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 2.67 mg/l
Endpoint: EC50 - Species: Daphnia = 3.1 mg/l
Endpoint: CE6 - Species: Algae = 0.19 mg/l
b) Aquatic chronic toxicity:
Endpoint: NOEC 0.067 mg/l
DYPHENYL OXYDE - CAS: 101-84-8
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish 2 mg/l - Duration h: 72
Endpoint: EC50 - Species: Daphnia 1.57 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 2 Ppm - Duration h: 96
- 12.2. Persistence and degradability
None
N.A.
- 12.3. Bioaccumulative potential
N.A.
- 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

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
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

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- 14.1. UN number or ID number
ADR-UN Number: 1791
IATA-UN Number: 1791
IMDG-UN Number: 1791
- 14.2. UN proper shipping name
ADR-Shipping Name: HYPOCHLORITE SOLUTION
IATA-Shipping Name: HYPOCHLORITE SOLUTION
IMDG-Shipping Name: HYPOCHLORITE SOLUTION
- 14.3. Transport hazard class(es)
ADR-Class: 8
ADR - Hazard identification number: 80
IATA-Class: 8
IATA-Label: 8
IMDG-Class: 8
- 14.4. Packing group
ADR-Packing Group: III
IATA-Packing group: III
IMDG-Packing group: III
- 14.5. Environmental hazards
ADR-Environmental Pollutant: Yes
IMDG-Marine pollutant: Marine Pollutant
IMDG-EmS: F-A,
S-B
- 14.6. Special precautions for user
ADR-Subsidiary hazards: -
ADR-S.P.: 521
ADR-Transport category (Tunnel restriction code): 3 (E)
IATA-Passenger Aircraft: 852
IATA-Subsidiary hazards: -
IATA-Cargo Aircraft: 856
IATA-S.P.: A3 A803
IATA-ERG: 8L
IMDG-Subsidiary hazards: -
IMDG-Stowage and handling: Category B
IMDG-Segregation: SG20
- 14.7. Maritime transport in bulk according to IMO instruments
No
Limited Quantity: 5 L
Exempted Quantity: E1

SECTION 15: Regulatory information

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



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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

Restrictions related to the substances contained:

No restriction.

Pronto all'Uso

Volatile Organic compounds - VOCs = 0.00 %

Volatile Organic compounds - VOCs = 0.00 g/Kg

Volatile Organic compounds - VOCs = 0.00 g/l

Volatile CMR substances = 0.00 %

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

Organic Carbon - C = 0.00

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: E1, E2

15.2. Chemical safety assessment

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

Substances for which a Chemical Safety Assessment has been carried out:

None

SECTION 16: Other information

Text of phrases referred to under heading 3:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH031 Contact with acids liberates toxic gas.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H411 Toxic to aquatic life with long lasting effects.

H319 Causes serious eye irritation.

| Hazard class and hazard category | Code | Description |
|----------------------------------|------------|-----------------------------------|
| Acute Tox. 4 | 3.1/4/Oral | Acute toxicity (oral), Category 4 |
| Skin Corr. 1A | 3.2/1A | Skin corrosion, Category 1A |

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| | | |
|-------------------|--------|--|
| Skin Corr. 1B | 3.2/1B | Skin corrosion, Category 1B |
| 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 |
| Aquatic Acute 1 | 4.1/A1 | Acute aquatic hazard, category 1 |
| Aquatic Chronic 1 | 4.1/C1 | Chronic (long term) aquatic hazard, category 1 |
| Aquatic Chronic 2 | 4.1/C2 | Chronic (long term) aquatic hazard, category 2 |

Paragraphs modified from the previous revision:

- SECTION 2: Hazards identification
- SECTION 3: Composition/information on ingredients
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- SECTION 14: Transport information
- SECTION 15: Regulatory information

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 |
|--|---------------------------------|
| Skin Corr. 1A, H314 | On basis of test data (pH) |
| Eye Dam. 1, H318 | On basis of test data (pH) |
| Aquatic Acute 1, H400 | Calculation method |
| Aquatic Chronic 2, H411 | 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).

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| | |
|-------------|---|
| 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). |
| 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. |
| NA: | Not applicable |
| 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. |