**Safety Data Sheet**
Conforms to Regulation (EC) No. 1907/2006 (REACH), Article 31, Annex II, as amended by Commission Regulation (EU) 2020/878

**AQUASTOP NANOSIL**
Date of first edition: 12/29/2025
Safety Data Sheet dated 29/12/2025
version 1

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

### 1.1. Product identifier

Mixture identification:

Trade name: AQUASTOP NANOSIL

Trade code: K50030

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

Recommended use: Adhesives, sealants

Uses advised against: All uses other than recommended ones

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

Company: KERAKOLL INDIA Pvt. Ltd.
Headquarter 202 – Business Square – A-Wing – Opp. Apple Heritage
Chakala – Andheri Kurla Road – Andheri (E) – Mumbai 400093. India
Tel. +91 22 283 955 93 – Fax +91 22 283 955 83
e-mail: info@kerakollindia.com

### 1.4. Emergency telephone number

Emergency number: 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Regulation (EC) n. 1272/2008 (CLP)**

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

### 2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

**Special Provisions:**

EUH208 Contains Trimethoxyvinilsilane. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

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

None.

### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

Other Hazards: No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Mixture identification: AQUASTOP NANOSIL

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

| Qty | Name | Ident. Numb. | Classification | Registration Number |
|---|---|---|---|---|
| ≥1-<3 % | A mixture of: isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-(n)-dodecylphenol; isomers of 2-(2H-benzotriazol-2-yl)-4-methyl-(n)-tetracosylphenol; isomers of 2-(2H-benzotriazol-2-yl)-4-methyl- | CAS:125304-04-3 | Aquatic Chronic 4, H413 | |

5,6-didodecyl-phenol. n=5 or 6

| | | | |
|---|---|---|---|
| ≥0.5-<1 % | Trimethoxyvinilsilane | CAS:2768-02-7<br>EC:220-449-8<br>Index:014-049-00-0 | Skin Sens. 1B, H317; Flam. Liq. 2, H225; Acute Tox. 4, H332 | 01-2119513215-52 |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

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

N.A.

### 4.3. Indication of any immediate medical attention and special treatment needed

N.A.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide ($CO_2$).

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.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non emergency personnel:**

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

**For emergency responders:**

Wear personal protection equipment.

### 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

Suitable material for taking up: absorbing material, organic, sand

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.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

**Advice on general occupational hygiene:**

**7.2. Conditions for safe storage, including any incompatibilities**

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

**7.3. Specific end use(s)**

Recommendation(s)

None in particular

Industrial sector specific solutions:

None in particular

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Community Occupational Exposure Limits (OEL)**

| | OEL Type | Country | Occupational Exposure Limit |
|---|---|---|---|
| Limestone<br>CAS: 1317-65-3 | NATIONAL | BULGARIA | Long Term: 10 mg/m3<br>Source: НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. |
| | NATIONAL | ESTONIA | Long Term: 10 mg/m3<br>Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105 |
| | NATIONAL | ESTONIA | Long Term: 5 mg/m3<br>Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105 |
| | NATIONAL | GREECE | Long Term: 10 mg/m3<br>εισπν.<br>Source: ΦΕΚ 94/Α` 13.5.1999 |
| | NATIONAL | GREECE | Long Term: 5 mg/m3<br>αναπν.<br>Source: ΦΕΚ 94/Α` 13.5.1999 |
| | NATIONAL | SPAIN | Long Term: 10 mg/m3<br>(1) inhalable aerosol<br>Source: LEP 2022 |
| | NATIONAL | HUNGARY | Long Term: 10 mg/m3<br>N<br>Source: 5/2020. (II. 6.) ITM rendelet |
| | WEL-EH40 | UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND | Long Term: 10 mg/m3<br>Inhalable fraction<br>Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020) |
| | WEL-EH40 | UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND | Long Term: 4 mg/m3<br>Respirable fraction<br>Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020) |
| | NATIONAL | BELGIUM | Long Term: 10 mg/m3<br>Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1 |
| | NATIONAL | IRELAND | Long Term: 10 mg/m3<br>Source: 2021 Code of Practice |
| | NATIONAL | IRELAND | Long Term: 4 mg/m3<br>Source: 2021 Code of Practice |
| | NATIONAL | SWITZERLAND | Long Term: 3 mg/m3<br>(1) respirable aerosol<br>Source: suva.ch/valeurs-limites |
| Titanium dioxide<br>CAS: 13463-67-7 | ACGIH | | Long Term: 2.5 mg/m3 (8h)<br>Finescale particles; R ; A3 - LRT irr, pneumoconiosis |
| | NATIONAL | GERMANY | Long Term: 0.3 mg/m3; Short Term: 2.4 mg/m3<br>DFG; Long term and short term: excluding ultrafine particles; respirable fraction; multiplied by the material density;<br>Source: TRGS900 |

| | | |
|---|---|---|
| NATIONAL | BELGIUM | Long Term: 10 mg/m3<br>Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1 |
| NATIONAL | CROATIA | Long Term: 10 mg/m3<br>U<br>Source: NN 1/2021 |
| NATIONAL | CROATIA | Long Term: 4 mg/m3<br>R<br>Source: NN 1/2021 |
| NATIONAL | IRELAND | Long Term: 10 mg/m3<br>Source: 2021 Code of Practice |
| NATIONAL | IRELAND | Long Term: 4 mg/m3<br>Source: 2021 Code of Practice |
| NATIONAL | ROMANIA | Long Term: 10 mg/m3; Short Term: 15 mg/m3<br>Source: Republicarea 1 - nr. 743 din 29 iulie 2021 |
| NATIONAL | SPAIN | Long Term: 10 mg/m3<br>Source: LEP 2022 |
| NATIONAL | AUSTRIA | Long Term: 5 mg/m3; Short Term: 10 mg/m3<br>60(Miw), 2x, MAK, A<br>Source: BGBl. II Nr. 156/2021 |
| NATIONAL | BULGARIA | Long Term: 10 mg/m3<br>Source: НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. |
| NATIONAL | DENMARK | Long Term: 6 mg/m3<br>K<br>Source: BEK nr 2203 af 29/11/2021 |
| NATIONAL | ESTONIA | Long Term: 5 mg/m3<br>Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105 |
| NATIONAL | FRANCE | Long Term: 10 mg/m3<br>Cancérogène de catégorie 2<br>Source: INRS outil65 |
| NATIONAL | GREECE | Long Term: 10 mg/m3<br>εισπν.<br>Source: ΦΕΚ 94/Α` 13.5.1999 |
| NATIONAL | GREECE | Long Term: 5 mg/m3<br>αναπν.<br>Source: ΦΕΚ 94/Α` 13.5.1999 |
| NATIONAL | LATVIA | Long Term: 10 mg/m3<br>Source: KN325P1 |
| NATIONAL | LITHUANIA | Long Term: 5 mg/m3<br>Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389 |
| NATIONAL | NORWAY | Long Term: 5 mg/m3<br>Source: FOR-2021-06-28-2248 |
| NATIONAL | POLAND | Long Term: 10 mg/m3<br>4), 7)<br>Source: Dz.U. 2018 poz. 1286 |
| NATIONAL | SLOVAKIA | Long Term: 5 mg/m3<br>Source: 355 NARIADENIE VLÁDY z 10. mája 2006 |
| NATIONAL | SWEDEN | Long Term: 5 mg/m3<br>3<br>Source: AFS 2021:3 |
| SUVA | SWITZERLAND | Long Term: 3 mg/m3<br>TWA mg/m3: (a), SSC, Formel / Formal, NIOSH<br>Source: suva.ch/valeurs-limites |
| WEL-EH40 | UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND | Long Term: 10 mg/m3<br>Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020) |

**Predicted No Effect Concentration (PNEC) values**

| | |
|---|---|
| Trimethoxyvinilsilane<br>CAS: 2768-02-7 | Exposure Route: Fresh Water; PNEC Limit: 400 µg/l |
| | Exposure Route: Intermittent releases (fresh water); PNEC Limit: 2.4 mg/l |
| | Exposure Route: Marine water; PNEC Limit: 40 µg/l |
| | Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 6.6 mg/l |
| | Exposure Route: Freshwater sediments; PNEC Limit: 1.5 mg/kg |
| | Exposure Route: Marine water sediments; PNEC Limit: 150 µg/kg |
| | Exposure Route: Soil; PNEC Limit: 60 µg/kg |

**Derived No Effect Level (DNEL) values**

| | |
|---|---|
| Trimethoxyvinilsilane<br>CAS: 2768-02-7 | Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects<br>Worker Professional: 27.6 mg/m³; Consumer: 6.7 mg/m³ |
| | Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects<br>Worker Professional: 260 mg/m³; Consumer: 50 mg/m³ |
| | Exposure Route: Human Dermal; Exposure Frequency: Short Term, systemic effects<br>Worker Professional: 3.9 mg/kg; Consumer: 7.8 mg/kg |
| | Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects<br>Consumer: 300 µg/kg |

**8.2. Exposure controls**

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

N.A.

Thermal Hazards:

Not expected if used as intended

Environmental exposure controls:

Prevent the product from entering sewers or surface and underground water.

## SECTION 9: Physical and chemical properties

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

Physical state: Liquid

Colour: In compliance with the product description

Odour: Odourless

Odour threshold: N.A.

pH: N.A.

Kinematic viscosity: N.A.

Melting point/freezing point: N.A.

Boiling point or initial boiling point and boiling range: N.A.

Flash point: > 60°C / 93°C

Lower and upper explosion limit: N.A.

Relative vapour density: N.A.

Vapour pressure: N.A.

Density and/or relative density: 1.60 g/cm3

Solubility in water: N.A.

Solubility in oil: N.A.

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

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Flammability: N.A.

Volatile Organic compounds - VOCs = 0 % ; 0 g/l

**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**

Data not available.

**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 Preparation**

| | |
|---|---|
| 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 | 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:**

| | | | |
|---|---|---|---|
| Trimethoxyvinilsilane | a) acute toxicity | LD50 Oral Rat = 7.34 ml/Kg | |
| | | LC50 Inhalation Vapour Rat = 2773 Ppm 4h | |
| | | LD50 Skin Rabbit = 3.36 mg/kg 24h | |
| | b) skin corrosion/irritation | Skin Irritant Rabbit Negative 24h | |
| | c) serious eye damage/irritation | Eye Irritant Rabbit No 24h | |
| | d) respiratory or skin sensitisation | Skin Sensitization Guineapig Positive | |
| | f) carcinogenicity | Genotoxicity Rat Negative | Inhalation route |
| | g) reproductive toxicity | No Observed Adverse Effect Level Oral Rat = 250 mg/kg | |

**11.2. Information on other hazards**

**Endocrine disrupting properties:**

No endocrine disruptor substances present in concentration >= 0.1%

## SECTION 12: Ecological information

**12.1. 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**

Not classified for environmental hazards.

No data available for the product

**List of Eco-Toxicological properties of the components**

| Component | Ident. Numb. | Ecotox Data |
|---|---|---|
| Trimethoxyvinilsilane | CAS: 2768-02-7 - EINECS: 220-449-8 - INDEX: 014-049-00-0 | a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 137 mg/L 96h |
| | | a) Aquatic acute toxicity : LC50 Daphnia Daphnia magna = 121 mg/L 48h |
| | | b) Aquatic chronic toxicity : NOEC Daphnia Daphnia magna = 20 mg/L - 21days |
| | | a) Aquatic acute toxicity : EC50 Algae Pseudokirchneriella subcapitata > 89 mg/L 72h |
| | | a) Aquatic acute toxicity : EC10 microorganisms > 100 mg/L 3h OECD 209 |

**12.2. Persistence and degradability**

| Component | Persitence/Degradability: |
|---|---|
| Trimethoxyvinilsilane | Readily biodegradable |

**12.3. Bioaccumulative potential**

N.A.

**12.4. Mobility in soil**

N.A.

**12.5. Results of PBT and vPvB assessment**

No PBT or vPvB substances present in concentration >= 0.1%

**12.6. Endocrine disrupting properties**

No endocrine disruptor substances present in concentration >= 0.1%

**12.7. Other adverse effects**

N.A.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

Recover if possible. In so doing, comply with the local and national regulations currently in force. Disposal through discharge into wastewater is not permitted

A waste code according to the European List of Wastes (LoW) cannot be specified, due to dependence on the usage. Contact an authorized waste disposal service.

The product disposed of as such, pursuant to Regulation (EU) 1357/2014, must be classified as non-hazardous waste

## SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

**14.1. UN number or ID number**

N/A

**14.2. UN proper shipping name**

ADR-Shipping Name: N/A

IATA-Shipping Name: N/A

IMDG-Shipping Name: N/A

**14.3. Transport hazard class(es)**

ADR-Class: N/A

IATA-Class: N/A

IMDG-Class: N/A

**14.4. Packing group**

ADR-Packing Group: N/A

IATA-Packing group: N/A

IMDG-Packing group: N/A

**14.5. Environmental hazards**

Marine pollutant: No
Environmental Pollutant: No
IMDG-EMS: N/A

**14.6. Special precautions for user**

Road and Rail (ADR-RID):

ADR-Label: N/A
ADR - Hazard identification number: N/A
ADR-Special Provisions: N/A
ADR-Transport category (Tunnel restriction code): N/A
ADR Limited Quantities: N/A
ADR Excepted Quantities: N/A

Air (IATA):

IATA-Passenger Aircraft: N/A
IATA-Cargo Aircraft: N/A
IATA-Label: N/A
IATA-Subsidiary hazards: N/A
IATA-Erg: N/A
IATA-Special Provisions: N/A

Sea (IMDG):

IMDG-Stowage and handling: N/A
IMDG-Segregation: N/A
IMDG-Subsidiary hazards: N/A
IMDG-Special Provisions: N/A

**14.7. Maritime transport in bulk according to IMO instruments**

N.A.

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## 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. 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)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Regulation (EU) n. 2023/707
Regulation (EU) n. 2023/1434 (ATP 19 CLP)
Regulation (EU) n. 2023/1435 (ATP 20 CLP)
Regulation (EU) n. 2024/197 (ATP 21 CLP)
Regulation (EU) n. 2020/878
Regulation (EC) nr 648/2004 (Detergents).

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: None.
Restrictions related to the substances contained: 40, 75

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

None

**Explosives precursors – Regulation 2019/1148**

No substances listed

**Regulation (EU) No 649/2012 (PIC regulation)**

No substances listed

**German Water Hazard Class.**

3: Severe hazard to waters

**German Lagerklasse according to TRGS 510:**

LGK 10

SVHC Substances:

No SVHC substances present in concentration >= 0.1%

**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:**

Trimethoxyvinilsilane

## SECTION 16: Other information

| Code | Description |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H317 | May cause an allergic skin reaction. |
| H332 | Harmful if inhaled. |
| H413 | May cause long lasting harmful effects to aquatic life. |

| Code | Hazard class and hazard category | Description |
|---|---|---|
| 2.6/2 | Flam. Liq. 2 | Flammable liquid, Category 2 |
| 3.1/4/Inhal | Acute Tox. 4 | Acute toxicity (inhalation), Category 4 |
| 3.4.2/1B | Skin Sens. 1B | Skin Sensitisation, Category 1B |
| 4.1/C4 | Aquatic Chronic 4 | Chronic (long term) aquatic hazard, category 4 |

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.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center

CE: European Community

CLP: Classification, Labeling, Packaging.

CMR: Carcinogenic, Mutagenic and Reprotoxic

COD: Chemical Oxygen Demand

COV: Volatile Organic Compound

CSA: Chemical Safety Assessment

CSR: Chemical Safety Report

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level.

DPD: Dangerous Preparations Directive

DSD: Dangerous Substances Directive
EC50: Half Maximal Effective Concentration
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances.
ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
IC50: half maximal inhibitory concentration
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.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: Keep Away From Heat
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
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.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.