PRODOTTI PER LAVANDERIE

Safety Data Sheet according to Reg. (EC) n.1907/2006 (REACH) - PO2

Safety Data Sheet dated 2/10/2024, version 4

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

1.1. Product identifier

Mixture identification:

Trade name:	***PO2***
Trade code:	G11-001
UFI:	9NY1-C051-400E-MJSJ

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

Recommended use:

Powder additive for fabric washing. For professional use.

Products categories: PC35 - washing and cleaning products. This category includes water and solvent based products.

Use at industrial sites (IS). Widespread use by professional workers (PW).

Uses advised against:

Do not use for purposes other than those indicated.

1.3. Details of the supplier of the safety data sheet

Company:

G.B.M. ELETTROCHIMICA s.r.l.

Via Fiumicino San Mauro, 120/130 - 47039 – Savignano Sul Rubicone (FC) Italy

tel +39 0541 930058

e-mail: ***gbm@gbmprodottichimici.it***

web site: *www.gbmprodottichimici.it*

1.4. Emergency telephone number

+39 0541-930058

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Ox. Sol. 2, H272 May intensify fire; oxidiser.

Acute Tox. 4, H302 Harmful if swallowed.

Eye Dam. 1, H318 Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Danger

Hazard statements:

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Precautionary statements:

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

P220 Keep away from clothing and other combustible materials.

P264 Wash hands thoroughly with water after handling.

P280 Wear protective gloves and eye/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 In case of malaise, contact a POISON CENTRE/doctor.
P370+P378 In case of fire: Use water, CO2, chemical powdwer to extinguish.

Special Provisions:
None

Contains
Sodium percarbonate

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
Ingredients according to EC Detergents Regulation 648/2004:
>30% oxygen based whiteners (sodium percarbonate)
Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 90%	Sodium percarbonate	CAS: 15630-89-4 EC: 239-707-6 REACH No.: 01-2119457268-30-XXXX	 2.14/3 Ox. Sol. 3 H272  3.1/4/Oral Acute Tox. 4 H302  3.3/1 Eye Dam. 1 H318 Specific Concentration Limits: C >= 25%: Eye Dam. 1 H318 7,5% <= C < 25%: Eye Irrit. 2 H319
>= 5% - < 10%	Sodium carbonate	Index number: 011-005-00-2 CAS: 497-19-8 EC: 207-838-8 REACH No.: 01-2119485498-19-XXXX	 3.3/2 Eye Irrit. 2 H319
>= 1% - < 5%	Silicic acid, sodium salt	CAS: 1344-09-8 EC: 215-687-4 REACH No.: 01-2119448725-31-XXXX	 3.2/2 Skin Irrit. 2 H315  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H335

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.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
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 opthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:

Give nothing to eat or drink.
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

Causa lesiones oculares graves. Nocivo si se ingiere. En caso de inhalación tos, dificultad para respirar, dolor de cabeza, náuseas, vómitos.

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:
In case of inhalation: remove the injured person from the danger zone in a well ventilated place; if symptoms of discomfort appear, seek medical assistance.
En caso de contacto con la piel: quitar inmediatamente las prendas contaminadas. Lavar inmediatamente con abundante agua corriente las áreas del cuerpo que hayan entrado en contacto con el producto, aunque solo se sospeche.
After contact with eyes: wash immediately and abundantly with running water, open eyelids, for at least 10-15 minutes. MEDICAL EXAMINATION IMMEDIATELY.
En caso de ingestión: no provocar en absoluto el vómito, someter a control médico y mostrar la ficha de datos de seguridad. Nunca administre nada por vía oral si la víctima está inconsciente. Llame a un médico.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
CO2, dust or water spray. Extinguish large fires with water spray or alcohol-resistant foam.
Extinguishing media which must not be used for safety reasons:
Full jet of water

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products:
In case of fire, carbon oxides can be released. Sodium oxides.

5.3. Advice for firefighters

Do not inhale the gases from the fire. It may be necessary to use a suitable breathing apparatus.

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 disperse in sewers or aquifers. If the product has contaminated lakes, rivers or sewerage systems, immediately inform the competent authority (public safety authority, fire brigade, etc.).

6.3. Methods and material for containment and cleaning up

For containment:
Collect in suitable and closed containers and bring to disposal.
For cleaning up:
After collection, wash with water the area and the materials concerned, recovering the water used and possibly send it for disposal in authorized plants.
Other information:
See also paragraphs 8 and 13

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle with due respect for good industrial hygiene and adequate safety measures. Do not eat, drink or smoke in the workplace. Use the utmost precaution when handling. Do not breathe dust.
Advice on general occupational hygiene:
Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Store the product only in its original closed containers, in a cool, dry and well-ventilated areas at temperatures below 0 °C and not higher than 40 °C.
Keep away from sources of heat, combustible materials, and incompatible substances. Avoid direct exposure to sunlight. Spilled product should never be poured into the original container for re-use (risk of decomposition). Do not smoke while handling.
Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
Keep away from combustible materials.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PO2

10 - TWA: 10 mg/m3 - STEL: 3 mg/m3 - Notes: Sodium percarbonate ; No. CAS : 15630-89-4

Sodium percarbonate - CAS: 15630-89-4

EC - TWA: 10 mg/m3 - STEL: 3 mg/m3

Silicic acid, sodium salt - CAS: 1344-09-8

EC - TWA: 2 mg/m3

DNEL Exposure Limit Values

Sodium percarbonate - CAS: 15630-89-4

Worker Professional: 5 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: Irritation (respiratory tract)
Worker Professional: 12.8 mg/cm2 - Exposure: Human Dermal - Frequency: Long Term, local effects - Endpoint: Corrosion/skin irritation
Worker Professional: 12.8 mg/cm2 - Exposure: Human Dermal - Frequency: Short Term, local effects - Endpoint: Corrosion/skin irritation
Consumer: 6.4 - Exposure: Human Dermal - Frequency: Long Term, local effects - Endpoint: Corrosion/skin irritation
Consumer: 6.4 - Exposure: Human Dermal - Frequency: Short Term, local effects - Endpoint: Corrosion/skin irritation

Sodium carbonate - CAS: 497-19-8

Worker Professional: 10 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: Irritation (respiratory tract)
Consumer: 10 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: Irritation (respiratory tract)

Silicic acid, sodium salt - CAS: 1344-09-8

Consumer: 0.8 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity
Consumer: 1.38 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity
Consumer: 0.8 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity
Worker Professional: 1.59 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity
Worker Professional: 5.61 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: Repeated dose toxicity

PNEC Exposure Limit Values

Sodium percarbonate - CAS: 15630-89-4

Target: Fresh Water - Value: 35 µg/L
Target: Intermittent release (fresh water) - Value: 35 µg/L
Target: Marine water - Value: 35 µg/L
Target: Sewage treatment plant - Value: 16.24 mg/l

Silicic acid, sodium salt - CAS: 1344-09-8

Target: Fresh Water - Value: 7.5 mg/l
Target: Intermittent release - Value: 7.5 mg/l
Target: Marine water - Value: 1 mg/l
Target: Sewage treatment plant - Value: 348 mg/l

8.2. Exposure controls

Eye protection:

Protective glasses with side protection (EN 166). Provide eye wash.

Protection for skin:

Personnel must wear protective clothing and all parts of the body must be washed after contact. Care should be taken when choosing protective clothing to avoid inflammation and irritation of the skin of the neck and wrists due to contact with the substance.

Protection for hands:

Wear rubber gloves approved according to EN374 standard.

Respiratory protection:

Use a P2 filter mask.

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:	Solid	--	--
Colour:	White	--	--
Odour:	ODORLESS	--	--
Melting point/freezing point:	65°C	--	--
Boiling point or initial boiling point and boiling range:	Not Relevant	--	--
Flammability:	Not Relevant	--	--
Lower and upper explosion limit:	Not Relevant	--	--
Flash point:	Not Relevant	--	--
Auto-ignition temperature:	Not Relevant	--	--
Decomposition temperature:	70°C	--	--
pH:	10,5	--	Solution 1%
Kinematic viscosity:	Not Relevant	--	--
Solubility in water:	140 g/l at 20°C	--	--
Solubility in oil:	Not Relevant	--	--
Partition coefficient n-octanol/water (log value):	Not Relevant	--	--
Vapour pressure:	Not Relevant	--	--
Density and/or relative density:	2.01 - 2.16 g/cm3	--	--
Relative vapour density:	Not Relevant	--	--
Particle characteristics:			
Particle size:	Not Relevant	--	--

9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	ABSENT	--	--
Oxidizing properties:	It's an oxidizing agent	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity

Oxidising substance: enhances combustion of other substances.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Danger of ignition with organic substances

10.4. Conditions to avoid

Avoid exposing the product to high temperatures. Keep the product away from open flame. Avoid moisture.

10.5. Incompatible materials

Catalysts of the decomposition, metals, metal salts, acids, alkalis, reducing.

10.6. Hazardous decomposition products

In case of fire may liberate carbon oxides.

SECTION 11: Toxicological information

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

Toxicological information of the product:

PO2

a) acute toxicity

The product is classified: Acute Tox. 4 H302
ATEmix - Oral 992,222 mg/kg bw

b) skin corrosion/irritation

Not classified
No data available for the product

c) serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

d) respiratory or skin sensitisation

Not classified
No data available for the product

e) germ cell mutagenicity

Not classified
No data available for the product

f) carcinogenicity

Not classified
No data available for the product

g) reproductive toxicity

Not classified
No data available for the product

h) STOT-single exposure

Not classified
No data available for the product

i) STOT-repeated exposure

Not classified
No data available for the product

j) aspiration hazard

Not classified
No data available for the product

Adverse health effects

The product is corrosive, therefore extremely irritating to eyes, skin and mucous membranes, can cause serious damage.

Toxicological information of the main substances found in the product:

Sodium percarbonate - CAS: 15630-89-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1034 mg/kg bw
Test: LD50 - Route: Oral - Species: Rat = 893 mg/kg bw
Test: LD50 - Route: Oral - Species: Rat = 1164 mg/kg bw
Test: LD50 - Route: Skin - Species: Rabbit = 2000 mg/kg bw

b) skin corrosion/irritation:

Test: Skin Irritant Negative - Source: N.A. - No observed adverse effects

c) serious eye damage/irritation:

Test: Eye Irritant Positive - Source: N.A. - Causes eye irritation
Sodium carbonate - CAS: 497-19-8
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 2800 mg/kg bw - Source: ECHA - No observed adverse effects
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg bw - Source: ECHA - No observed adverse effects
Test: LC50 - Route: Inhalation of dust and fog - Species: Rat = 2.3 mg/l - Duration: 2H - Source: ECHA - No observed adverse effects
c) serious eye damage/irritation:
Test: Eye Irritant - Species: Rabbit Positive - Causes severe eye irritation
Toxicological kinetics, metabolism and distribution information:
When sodium carbonate comes into contact with body fluids, it dissociates into carbonate and sodium. Carbonate could potentially increase blood pH. (OECD SIDS (2002)
Silicic acid, sodium salt - CAS: 1344-09-8
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 3400 mg/kg bw
Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg bw
Test: LC50 - Route: Inhalation - Species: Rat > 2.06 g/m3
b) skin corrosion/irritation:
Test: Skin Irritant Positive - Causes skin irritation
c) serious eye damage/irritation:
Test: Eye Corrosive Positive - Causes serious eye damage

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.
PO2
Not classified for environmental hazards
Based on available data, the classification criteria are not met
Sodium percarbonate - CAS: 15630-89-4
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 70.7 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia = 4.9 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 8 mg/l - Duration h: 140
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 2 mg/l - Duration h: 48
Sodium carbonate - CAS: 497-19-8
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Crustaceans = 200 mg/l - Duration h: 48 - Notes: Ceriodaphnia dubia
Endpoint: LC50 - Species: Fish = 300 mg/l - Duration h: 96 - Notes: Lepomis macrochirius
b) Aquatic chronic toxicity:
Endpoint: EC50 - Species: Algae and cyanobacteria = 800 mg/l - Duration h: 72
Silicic acid, sodium salt - CAS: 1344-09-8
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 1108 mg/l - Duration h: 96

Endpoint: EPA OTS797.1050(1994 - Species: Daphnia = 1700 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae > 345.4 mg/l - Duration h: 72

12.2. Persistence and degradability
None
PO2
Biodegradability: The product can be removed by an abiotic process, e.g. chemical or photolytic.
Sodium carbonate - CAS: 497-19-8
Biodegradability: Not applicable (inorganic substance)
Silicic acid, sodium salt - CAS: 1344-09-8
Biodegradability: Biodegradable

12.3. Bioaccumulative potential
PO2
Bioaccumulation: A potential for bioaccumulation is not foreseeable
Silicic acid, sodium salt - CAS: 1344-09-8
Bioaccumulation: Low potential for bioaccumulation

12.4. Mobility in soil
Sodium carbonate - CAS: 497-19-8
Mobility in soil: Important solubility and mobility in water

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 >= 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.

Additional disposal information:
Confer on an incinerator or in a landfill authorized according to local regulations.
Contaminated packaging: Collect any residue present in contaminated packaging. After adequate washing, such packaging may be reused. The packaging to be disposed of is to be considered as the material itself.

SECTION 14: Transport information

14.1. UN number or ID number

ADR-UN number:	3378
RID-UN Number:	3378
ADN-UN Number:	3378
IATA-Un number:	3378
IMDG-Un number:	3378

14.2. UN proper shipping name

ADR-Shipping Name:	SODIUM CARBONATE PEROXYHYDRATE
IATA-Shipping Name:	SODIUM CARBONATE PEROXYHYDRATE
IMDG-Shipping Name:	SODIUM CARBONATE PEROXYHYDRATE

14.3. Transport hazard class(es)

ADR-Class:	5.1
ADR-Label:	5.1
ADR - Hazard identification number:	50
RID-Class:	5.1
ADN-Class:	5.1

IATA-Class: 5.1
IATA-Label: 5.1
IMDG-Class: 5.1

14.4. Packing group
RID-Packing Group: III
ADN-Packing Group: III
ADR-Packing Group: III
IATA-Packing group: III
IMDG-Packing group: III

14.5. Environmental hazards
Marine pollutant: No
IMDG-EMS: F-A/S-Q
ADN-Environmentally hazardous in tank-vessels:

14.6. Special precautions for user
ADR-Transport category (Tunnel restriction code): (E)
IMDG-Shipping Name: SODIUM CARBONATE PEROXYHYDRATE

14.7. Maritime transport in bulk according to IMO instruments
N.A.

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)
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)

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:
No restriction.
Restrictions related to the substances contained:
Restriction 75

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: P8

15.2. Chemical safety assessment
A Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:
H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H335 May cause respiratory irritation.

Hazard class and hazard category	Code	Description
Ox. Sol. 2	2.14/2	Oxidising solid, Category 2
Ox. Sol. 3	2.14/3	Oxidising solid, Category 3
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

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
Ox. Sol. 2, H272	On basis of test data
Acute Tox. 4, H302	Calculation method
Eye Dam. 1, H318	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).
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.