

Safety Data Sheet

PM-502 MAXI SHOCK TAB 20









Safety Data Sheet dated 20/3/2023, version 2

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

- 1.1. Product identifier
Trade name: PM-502 MAXI SHOCK TAB 20
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Bactericidal biocide product (TP 2) for the disinfection of swimming pool water.
Uses advised against:
No uses advised against.
- 1.3. Details of the supplier of the safety data sheet
Company:
BONET ESPECIALITATS HIDROQUÍMIQUES, S.L.U.
C/Holanda, 41. P.I.Pla de Llerona
Les Franqueses del Vallès (08520) (Spain)
Telf: (+34) 900 82 87 81, 93 846 53 36
Fax: (+34) 93 846 78 21
info@behqsl.com
Competent person responsible for the safety data sheet:
regulatory@behqsl.com
- 1.4. Emergency telephone number
In case of poisoning call the Spanish National Institute of Toxicology: +34 91 562 04 20

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture
EC regulation criteria 1272/2008 (CLP)
 -  Danger, Ox. Sol. 2, May intensify fire; oxidiser.
 -  Warning, Aquatic Acute 1, Very toxic to aquatic life.
 -  Warning, Eye Irrit. 2, Causes serious eye irritation.
 -  Warning, Acute Tox. 4, Harmful if swallowed.
 -  Warning, STOT SE 3, May cause respiratory irritation.
 -  Warning, Aquatic Chronic 1, Very 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:

H272 May intensify fire; oxidiser.

H319 Causes serious eye irritation.

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H302 Harmful if swallowed.
 H335 May cause respiratory irritation.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
 P103 Read carefully and follow all instructions.
 P210+P370+P378 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. In case of fire, use a CO2 fire extinguisher to extinguish.
 P270+P261 Do not eat, drink or smoke when using this product. Avoid breathing dust.
 P280+P264 Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.
 P403+P233+P102+P405 Store in a well-ventilated place. Keep container tightly closed. Keep out of reach of children. Store locked up.
 P273 Avoid release to the environment.
 P391 Collect spillage.
 P501 Dispose of contents/container as hazardous waste through an authorized waste management company, in accordance with current regulations.

Special Provisions:

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

Contains

symclosene; trichloroisocyanuric acid; trichloro-1,3,5-triazinetriion

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 $\geq 0.1\%$

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
$\geq 50\%$ - $< 60\%$	symclosene; trichloroisocyanuric acid; trichloro-1,3,5-triazinetri ion	Index 613-031-00-5 number: CAS: 87-90-1 EC: 201-782-8	 2.14/2 Ox. Sol. 2 H272  3.1/4/Oral Acute Tox. 4 H302  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H335  4.1/A1 Aquatic Acute 1 H400  4.1/C1 Aquatic Chronic 1 H410
$\geq 10\%$ - $< 12.5\%$	sodium carbonate	Index 011-005-00-2 number: CAS: 497-19-8 EC: 207-838-8 REACH No.: 01-21194854 98-19-XXXX	 3.3/2 Eye Irrit. 2 H319
$\geq 1\%$ - $< 3\%$	adipic acid	Index 607-144-00-9 number:	 3.3/2 Eye Irrit. 2 H319

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		CAS: 124-04-9 EC: 204-673-3 REACH No.: 01-21194575 61-38-XXXX	
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SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Remove contaminated clothing immediately and dispose off safely.
 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).

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:

Give nothing to eat or drink.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show him packing or label.

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

Suitable extinguishing media:

Water in large quantities.

Extinguishing media which must not be used for safety reasons:

Powder based on ammonium salts and halogenated extinguishing agents.

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

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

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

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- 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.
Use localized ventilation system.
No smoking. Keep away from food, drink and animal feed.
Use appropriate personal protective equipment. Refer to paragraph 8.
Prevent entry of unauthorized persons.
Advice on general occupational hygiene:
Follow legislation on safety and health at work.
- 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.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
As a general storage conditions, it should be avoided sources of heat, radiation, electricity and food contact. Store according to local legislation.
Store between 5 and 35 °C in a dry and well ventilated place.
Keep away from acids.
Keep away from combustible materials.
Store into the original container. Keep the container properly sealed and labeled.
- 7.3. Specific end use(s)
None in particular

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
adipic acid - CAS: 124-04-9
ACGIH - TWA(8h): 5 mg/m³ - Notes: URT irr, ANS impair
- DNEL Exposure Limit Values
adipic acid - CAS: 124-04-9
Consumer: 5 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
- PNEC Exposure Limit Values
adipic acid - CAS: 124-04-9
Target: Fresh Water - Value: 0.126 mg/l
Target: Marine water - Value: 0.0126 mg/l
Target: Freshwater sediments - Value: 0.484 mg/kg
Target: Marine water sediments - Value: 0.0484 mg/kg
Target: Soil (agricultural) - Value: 0.0228 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:
Protective gloves according to regulation EN 374.
Material: PVC, neoprene or rubber.
- Respiratory protection:
Only if dust is present in the air:

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Full mask (EN136) with chlorine filter for B2 and P2 or P3 powder (EN 141).
 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:	Tablet	--	--
Colour:	White	--	--
Odour:	Slight chlorine odour	--	--
Melting point/freezing point:	Not available	--	Not available/Not applicable due to the nature/properties of the product.
Boiling point or initial boiling point and boiling range:	Not available	--	Not available/Not applicable due to the nature/properties of the product.
Flammability:	Non-flammable	--	--
Lower and upper explosion limit:	Not applicable	--	Not available/Not applicable due to the nature/properties of the product.
Flash point:	Not applicable	--	Not available/Not applicable due to the nature/properties of the product.
Auto-ignition temperature:	Not applicable	--	Not available/Not applicable due to the nature/properties of the product.
Decomposition temperature:	Not available	--	Not available/Not applicable due to the nature/properties of the product.
pH:	No disponible	--	--
Kinematic viscosity:	Not available	--	Not available/Not applicable due to the nature/properties of the product.
Solubility in water:	Not available	--	Not available/Not applicable due to the nature/properties of the product.
Solubility in oil:	Not available	--	Not available/Not applicable due to the nature/properties of the product.
Partition coefficient n-octanol/water (log value):	Not available	--	Not available/Not applicable due to the nature/properties of the product.
Vapour pressure:	Not available	--	Not available/Not applicable due to the nature/properties of the product.
Density and/or relative density:	No disponible	--	Not available/Not applicable due to the nature/properties of the product.
Relative vapour density:	Not available	--	Not available/Not applicable due to the nature/properties of the product.

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			product.
Particle characteristics:			
Particle size:	Not available	--	Not available/Not applicable due to the nature/properties of the product.

9.2. Other information

Properties	Value	Method:	Notes:
Oxidizing properties:	Oxidizing	--	--

SECTION 10: Stability and reactivity

- 10.1. Reactivity
 - Oxidizing product.
- 10.2. Chemical stability
 - Stable under normal conditions
- 10.3. Possibility of hazardous reactions
 - Reacts with water (in small quantities that can wet the product, but is needed in large quantities in fire-fighting).
- 10.4. Conditions to avoid
 - Avoid humidity and temperatures above 50 °C.
- 10.5. Incompatible materials
 - Incompatible with oxidizing and reducing agents, acids, alkalis, metals, nitrogen products, oils, fats, peroxides, cationic surfactants.
- 10.6. Hazardous decomposition products
 - In combination with the above products, decomposes and releases a lot of heat, chlorine, nitrogen trichloride, chlorine oxides, etc.

SECTION 11: Toxicological information

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

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

symclosene; trichloroisocyanuric acid; trichloro-1,3,5-triazinetriion - CAS: 87-90-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 787-868 mg/kg - Source: EPA OPP 81-1

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg - Source: EPA OPP 81-2

Test: LC50 - Route: Inhalation - Species: Rat = 0.09-0.29 mg/l - Source: Eq. OECD 403

b) skin corrosion/irritation:

Test: Skin Corrosive - Route: Skin - Species: Rabbit Positive - Source: EPA OPP 81-5

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Species: Guinea pig Negative - Source: OECD 406

e) germ cell mutagenicity:

Test: Mutagenesis - Species: Generic Bacteria Negative - Source: EPA 163.84-1, 43 FR 37388 (in vitro)

Test: Mutagenesis - Species: Mammal Negative - Source: Eq. UE B.17 (in vitro)

Test: Chromosomal aberrations - Species: Rat Negative - Source: Eq. OECD 475 (in vivo)

f) carcinogenicity:

Test: Carcinogenicity - Species: Rat Negative - Source: UE B33

sodium carbonate - CAS: 497-19-8

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2800 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 2.3 mg/l - Duration: 2h

Test: LC50 - Route: Inhalation - Species: Mouse = 1.2 mg/l - Duration: 2h

Test: LC50 - Route: Inhalation - Species: Guinea pig = 0.8 mg/l - Duration: 2h

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- Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
- e) germ cell mutagenicity:
Test: Mutagenesis Negative
- g) reproductive toxicity:
Test: Reproductive Toxicity - Route: Oral Negative
- adipic acid - CAS: 124-04-9
- a) acute toxicity:
Test: LC50 - Route: Inhalation - Species: Rat > 7.7 mg/l - Duration: 4h - Source: BASF essay
Test: LD50 - Route: Skin - Species: Rabbit > 7940 mg/kg
Test: LD50 - Route: Oral - Species: Rat = 5560 mg/kg - Source: BASF essay
- b) skin corrosion/irritation:
Test: Skin Irritant Negative - Source: BASF essay
- c) serious eye damage/irritation:
Test: Eye Irritant Positive - Source: OCDE 405
- d) respiratory or skin sensitisation:
Test: Skin Sensitization - Species: Guinea pig Negative
- e) germ cell mutagenicity:
Test: Mutagenesis Negative
- f) carcinogenicity:
Test: Carcinogenicity Negative
- g) reproductive toxicity:
Test: Reproductive Toxicity Negative
- h) STOT-single exposure:
Test: Respiratory Tract Irritant Positive
- i) STOT-repeated exposure:
Route: Oral Negative
- j) aspiration hazard:
Negative

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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.

symclosene; trichloroisocyanuric acid; trichloro-1,3,5-triazinetrion - CAS: 87-90-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Lepomis macrochirus = 0.23 mg/l - Duration h: 96

Endpoint: LC50 - Species: Salmo gairdneri = 0.24 mg/l - Duration h: 96 - Notes: EPA
OTS 797.1400

Endpoint: EC50 - Species: Daphnia = 0.21 mg/l - Duration h: 48

Endpoint: NOEC - Species: Algae 2 0.50 mg/l - Duration h: 3

sodium carbonate - CAS: 497-19-8

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- a) Aquatic acute toxicity:
 Endpoint: LC50 - Species: Lepomis macrochirus = 300 mg/l - Duration h: 96
 Endpoint: EC50 - Species: Crustaceans = 200-227 mg/l - Duration h: 48
 adipic acid - CAS: 124-04-9
- a) Aquatic acute toxicity:
 Endpoint: LC50 - Species: Daphnia = 46 mg/l - Duration h: 48 - Notes: Directive 202, part 1 OCDE
 Endpoint: EC50 - Species: Pseudokirchneriella subcapitata = 59 mg/l - Duration h: 72 - Notes: Directive 201, OCDE, static
- b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Daphnia = 6.3 mg/l - Notes: 21 days, Directive 211 OCDE
- 12.2. Persistence and degradability
 symclosene; trichloroisocyanuric acid; trichloro-1,3,5-triazinetriol - CAS: 87-90-1
 Biodegradability: Easily biodegradable - Test: 301 OCDE - Duration: 28 days - %: 2
 adipic acid - CAS: 124-04-9
 Biodegradability: Easily biodegradable - Test: Biochemical oxygen demand - %: 83 - Notes: OCDE 301D, 30 days
- 12.3. Bioaccumulative potential
 sodium carbonate - CAS: 497-19-8
 Bioaccumulation: Not bioaccumulative
 adipic acid - CAS: 124-04-9
 Bioaccumulation: Not bioaccumulative
- 12.4. Mobility in soil
 sodium carbonate - CAS: 497-19-8
 Mobility in soil: Mobile
 adipic acid - CAS: 124-04-9
 Mobility in soil: Mobile
- 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. Waste should not be disposed of through the sewer.

SECTION 14: Transport information

- 14.1. UN number or ID number
 ADR-UN number: 2468
 IATA-Un number: 2468
 IMDG-Un number: 2468
- 14.2. UN proper shipping name
 ADR-Shipping Name: Trichloroisocyanuric acid, dry, 5.1, II
 IATA-Technical name: Trichloroisocyanuric acid, dry, 5.1, II
 IMDG-Technical name: Trichloroisocyanuric acid, dry, 5.1, II
- 14.3. Transport hazard class(es)
 ADR-Class: 5.1
 ADR-Label: 5.1
 IATA-Class: 5.1
 IATA-Label: 5.1
 IMDG-Class: 5.1

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- 14.4. Packing group
 ADR-Packing Group: II
 IATA-Packing group: II
 IMDG-Packing group: II
- 14.5. Environmental hazards
 Marine pollutant: Marine pollutant
- 14.6. Special precautions for user
 IMDG-Technical name: Trichloroisocyanuric acid, dry, 5.1, II
- 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
 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)
- 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:
 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: E1, P8
- 15.2. Chemical safety assessment
 No 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.
 H319 Causes serious eye irritation.

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H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Ox. Sol. 2	2.14/2	Oxidising solid, Category 2
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking
SECTION 2: Hazards identification
SECTION 3: Composition/information on ingredients
SECTION 5: Firefighting measures
SECTION 8: Exposure controls/personal protection
SECTION 9: Physical and chemical properties
SECTION 11: Toxicological information
SECTION 12: Ecological information
SECTION 15: Regulatory information
SECTION 16: Other 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
Ox. Sol. 2, H272	On basis of test data
Aquatic Acute 1, H400	Calculation method
Eye Irrit. 2, H319	Calculation method
Acute Tox. 4, H302	Calculation method
STOT SE 3, H335	Calculation method
Aquatic Chronic 1, H410	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)

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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.