

Safety Data Sheet

OCTANE BOOSTER - BENZINA



Safety Data Sheet dated 7/7/2019, version 8

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

1.1. Product identifier

Mixture identification:

Trade name: OCTANE BOOSTER - BENZINA
Trade code: 9661

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

Recommended use:

Fuel additive

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

Centro Antiveleni di Pavia IRCCS- Fondazione Maugeri tel. +39 (0)382 24444 (h24; it, en)

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

- ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
- ⚠ Warning, Carc. 2, Suspected of causing cancer.
- ⚠ Danger, Repr. 1B, May damage fertility or the unborn child.
- ⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
- ⚠ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

- H319 Causes serious eye irritation.
- H351 Suspected of causing cancer.
- H360 May damage fertility or the unborn child.
- H304 May be fatal if swallowed and enters airways.
- H411 Toxic to aquatic life with long lasting effects.

Safety Data Sheet

OCTANE BOOSTER - BENZINA



Precautionary statements:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P201 Obtain special instructions before use.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P331 Do NOT induce vomiting.
- P391 Collect spillage.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

- EUH066 Repeated exposure may cause skin dryness or cracking.
- PACK1 The packing must be featured by a safety lock for children.
- PACK2 The packing must have tactile indications of danger for blind people.

Contains

- Distillates (petroleum), hydrotreated light
- Ferrocene
- naphthalene
- Hydrocarbons ,C10, aromatics, > 1% naphthalene

Special provisions according to Annex XVII of REACH and subsequent amendments:
None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

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:

>= 80% - < 90% Distillates (petroleum), hydrotreated light

REACH No.: 01-2119456620-43, Index number: 649-422-00-2, CAS: 64742-47-8, EC: 926-141-6

⚠ 3.10/1 Asp. Tox. 1 H304

EUH066

>= 7% - < 10% Hydrocarbons ,C10, aromatics, > 1% naphthalene

Index number: 919-284-0, EC: 265-198-5

⚠ 3.8/3 STOT SE 3 H336

⚠ 3.10/1 Asp. Tox. 1 H304

⚠ 4.1/C2 Aquatic Chronic 2 H411

EUH066

>= 1% - < 2% Hydrocarbons, C10-C13, Aromatics, >1% Naphthalene

REACH No.: 01-2119451151-53, Index number: 926-273-4, CAS: 64742-94-5, EC: 265-198-5

⚠ 3.10/1 Asp. Tox. 1 H304

⚠ 4.1/C2 Aquatic Chronic 2 H411

>= 1% - < 2% 1,2-bis (2-etilsilossicarbonil) etan solfonato di potassio

CAS: 7491-09-0, EC: 231-308-5

⚠ 3.2/2 Skin Irrit. 2 H315

Safety Data Sheet

OCTANE BOOSTER - BENZINA



⚠ 3.3/1 Eye Dam. 1 H318

>= 1% - < 2% naphthalene

Index number: 601-052-00-2, CAS: 91-20-3, EC: 202-049-5

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.6/2 Carc. 2 H351

⚠ 4.1/A1 Aquatic Acute 1 H400 M=1.

⚠ 4.1/C1 Aquatic Chronic 1 H410 M=1.

>= 0.5% - < 1% Distillates (petroleum), hydrotreated light

Kerosine - unspecified

REACH No.: 01-2119484819-18, Index number: 649-422-00-2, CAS: 64742-47-8, EC: 265-149-8

⚠ 3.10/1 Asp. Tox. 1 H304

>= 0.5% - < 1% Ferrocene

REACH No.: 01-2119978280-34, CAS: 102-54-5, EC: 203-039-3

⚠ 2.7/1 Flam. Sol. 1 H228

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.1/4/Inhal Acute Tox. 4 H332

⚠ 3.7/1B Repr. 1B H360FD

⚠ 3.9/2 STOT RE 2 H373

⚠ 4.1/C1 Aquatic Chronic 1 H410 M=10.

>= 0.5% - < 1% DISTILLATI DEL PETROLIO FRAZIONE LEGGERA DI HYDROTREATING

REACH No.: 01-2119484819-18, Index number: 649-422-00-2, CAS: 64742-47-8, EC: 265-149-8

⚠ 3.10/1 Asp. Tox. 1 H304

>= 0.25% - < 0.5% 1,2,4-trimethylbenzene

Index number: 601-043-00-3, CAS: 95-63-6, EC: 202-436-9

⚠ 2.6/3 Flam. Liq. 3 H226

⚠ 3.1/4/Inhal Acute Tox. 4 H332

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.3/2 Eye Irrit. 2 H319

⚠ 3.8/3 STOT SE 3 H335

⚠ 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.

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

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Safety Data Sheet

OCTANE BOOSTER - BENZINA



- 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:
To carbon dioxide.
To dust.
Foam
Water spray.
Not Recommended Extinguishing Media:
Do not use direct water jets.
- 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.
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.

Safety Data Sheet

OCTANE BOOSTER - BENZINA



None in particular.

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

naphthalene - CAS: 91-20-3

EU - TWA(8h): 50 mg/m³, 10 ppm

ACGIH - TWA(8h): 10 ppm - Notes: Skin, A3 - URT irr, cataracts, hemolytic anemia

Distillates (petroleum), hydrotreated light

Kerosine - unspecified - CAS: 64742-47-8

TLV TWA - mg/m³ 200 ,skin A3

TLV STEL - Skin A3

Ferrocene - CAS: 102-54-5

ACGIH - TWA(8h): 10 mg/m³ - Notes: Liver dam

DISTILLATI DEL PETROLIO FRAZIONE LEGGERA DI HYDROTREATING - CAS: 64742-47-8

TLV TWA - mg/m³ 200 ,skin A3

TLV STEL - Skin A3

1,2,4-trimethylbenzene - CAS: 95-63-6

EU - TWA(8h): 100 mg/m³, 20 ppm

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Eye glasses with side protection.

Compliant with EN 166

Protection for skin:

protective clothing

Protection for hands:

Nitrile or Viton gloves.

Compliant with EN 374.

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:
Appearance and colour:	Liquid, light yellow	--	--
Odour:	Characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--

Safety Data Sheet

OCTANE BOOSTER - BENZINA



Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	>65°C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.8245 g/ml	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	<7 cSt	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

NA=not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

9661/8

Page n. 6 of 12

Safety Data Sheet

OCTANE BOOSTER - BENZINA



- Stable under normal conditions
- 10.3. Possibility of hazardous reactions
- 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 toxicological effects

Toxicological information of the product:

OCTANE BOOSTER - BENZINA

a) acute toxicity

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

d) respiratory or skin sensitisation

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Based on available data, the classification criteria are not met

f) carcinogenicity

The product is classified: Carc. 2 H351

g) reproductive toxicity

The product is classified: Repr. 1B H360

h) STOT-single exposure

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Based on available data, the classification criteria are not met

j) aspiration hazard

The product is classified: Asp. Tox. 1 H304

Toxicological information of the main substances found in the product:

Distillates (petroleum), hydrotreated light - CAS: 64742-47-8

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 5000 mg/m³ - Duration: 8h

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

b) skin corrosion/irritation:

Test: OECD TG 404 - Route: Skin Negative

c) serious eye damage/irritation:

Test: OECD TG 405 - Route: EYE Negative

d) respiratory or skin sensitisation:

Test: Inhalation Sensitization 3

Test: Skin Sensitization 3

j) aspiration hazard:

Test: May be fatal if swallowed and enters airways (physical-chemical properties) - Route:

Oral Positive

naphthalene - CAS: 91-20-3

a) acute toxicity:

Safety Data Sheet

OCTANE BOOSTER - BENZINA



Test: LD50 - Route: Oral - Species: Rat > 500 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2500 mg/kg
1,2,4-trimethylbenzene - CAS: 95-63-6
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit 3160 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat 18000 mg/l - Duration: 4h

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
Distillates (petroleum), hydrotreated light - CAS: 64742-47-8
a) Aquatic acute toxicity:
Endpoint: EL0 - Species: Daphnia 1000 mg/l - Duration h: 48
Endpoint: EL0 - Species: Algae 1000 mg/l - Duration h: 72
Endpoint: CE7 - Species: Fish 1000 mg/l - Duration h: 96
naphthalene - CAS: 91-20-3
b) Aquatic chronic toxicity:
Endpoint: LC50 - Species: Fish 0.51 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia 3.4 mg/l - Duration h: 48
1,2,4-trimethylbenzene - CAS: 95-63-6
b) Aquatic chronic toxicity:
Endpoint: LC50 - Species: Daphnia 6.14 mg/l - Duration h: 48
- 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. 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



- 14.1. UN number
ADR-UN Number: 3082
IATA-UN Number: 3082
IMDG-UN Number: 3082
- 14.2. UN proper shipping name
ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hydrocarbons, C10-C13, Aromatics, >1% Naphthalene, Hydrocarbons ,C10, aromatics, > 1% naphthalene)

Safety Data Sheet

OCTANE BOOSTER - BENZINA



IATA-Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hydrocarbons, C10-C13, Aromatics, >1% Naphthalene, Hydrocarbons ,C10, aromatics, > 1% naphthalene)		
IMDG-Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hydrocarbons, C10-C13, Aromatics, >1% Naphthalene, Hydrocarbons ,C10, aromatics, > 1% naphthalene)		
14.3. Transport hazard class(es)			
ADR-Class:	9		
ADR - Hazard identification number:	90		
IATA-Class:	9		
IATA-Label:	9		
IMDG-Class:	9		
14.4. Packing group			
ADR-Packing Group:	III		
IATA-Packing group:	III		
IMDG-Packing group:	III		
14.5. Environmental hazards			
ADR-Enviromental Pollutant:	Yes		
IMDG-Marine pollutant:	Marine Pollutant		
14.6. Special precautions for user			
ADR-Subsidiary hazards:	-		
ADR-S.P.:	274 335 375 601		
ADR-Transport category (Tunnel restriction code):	3 (-)		
IATA-Passenger Aircraft:	964		
IATA-Subsidiary hazards:	-		
IATA-Cargo Aircraft:	964		
IATA-S.P.:	A97 A158 A197		
IATA-ERG:	9L		
IMDG-EmS:	F-A, S-F		
IMDG-Subsidiary hazards:	-		
IMDG-Stowage and handling:	Category A		
IMDG-Segregation:	-		
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code			
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) 2015/830
 - 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)
- Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Safety Data Sheet

OCTANE BOOSTER - BENZINA



Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

No restriction.

Volatile Organic compounds - VOCs = 97.00 %

Volatile Organic compounds - VOCs = 969.98 g/Kg

Volatile Organic compounds - VOCs = 799.75 g/l

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: 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:

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H228 Flammable solid.

H332 Harmful if inhaled.

H360FD May damage fertility. May damage the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled or swallowed.

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Flam. Sol. 1	2.7/1	Flammable solid, Category 1
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1

Safety Data Sheet

OCTANE BOOSTER - BENZINA



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
Carc. 2	3.6/2	Carcinogenicity, Category 2
Repr. 1B	3.7/1B	Reproductive toxicity, Category 1B
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, 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 3: Composition/information on ingredients
SECTION 7: Handling and storage
SECTION 14: Transport 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
Eye Irrit. 2, H319	Calculation method
Carc. 2, H351	Calculation method
Repr. 1B, H360	Calculation method
Asp. Tox. 1, H304	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.

Safety Data Sheet

OCTANE BOOSTER - BENZINA



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.
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.