

Safety Data Sheet

ALBIORE CONCENTRATED MULTI SURFACE CLEANER WITH ALCOHOL

Conforms to Regulations (EC) 1907/2006, (EC) 1272/2008 and subsequent amendments.

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

1.1. Product identifier

Mixture identification:

Trade name: ALBIORE CONCENTRATED MULTI SURFACE CLEANER
WITH ALCOHOL

Trade code: T2003231425

SAP Code: 900743

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

Recommended use:

Hard surface cleaner

For only professional use

1.3. Details of the supplier of the safety data sheet

Supplier:

ITALCHIMICA s.r.l.

Riviera Maestri del lavoro 10 35127 Padova Italy

Phone +39 049 8792456

Marketing authorization holder

ITALCHIMICA s.r.l. ||Riviera Maestri del lavoro 10 35127 Padova Italy ||Phone +39 049
8792456 - www.italchimica.it||

Competent person responsible for the safety data sheet:

regulatory@italchimica.it


1.4. Emergency telephone number

(ITALY) Centro Antiveneni (CAV), Azienda Ospedaliero Universitaria OO.RR. Foggia. Tel
0881732326 (h24)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

 **Warning, Flam. Liq. 3, Flammable liquid and vapour.**

 **Warning, Eye Irrit. 2, Causes serious eye irritation.**

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P103 Read label before use.

P210 Keep away from heat - No smoking.

P370+P378 In case of fire use traditional extinguishing media: carbon dioxide, foam, powder and nebulised water.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

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:

Qty	Name	Ident. Number	Classification
>= 2.5% - < 5%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336
>= 2.5% - < 5%	C11-13 Pareth- 10	CAS: 68439-54-3 EC: 931-985-3	 3.1/4/Oral Acute Tox. 4 H302  3.3/1 Eye Dam. 1 H318
< 2.5%	Benzalkonium Chloride	CAS: 68424-85-1 EC: 270-325-2	 4.1/C1 Aquatic Chronic 1 H410  3.1/4/Oral Acute Tox. 4 H302  3.2/1B Skin Corr. 1B H314  4.1/A1 Aquatic Acute 1 H400
< 2.5%	PPG-2 Methyl Ether	CAS: 34590-94-8 EC: 252-104-2	Substance with a Union workplace exposure limit.
< 2.5%	ISOAMYL ACETATE	CAS: 123-92-2	 2.6/3 Flam. Liq. 3 H226

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.

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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 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

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:

In case of fire use traditional extinguishing media: carbon dioxide, foam, powder and nebulised water.

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

Wear personal protection equipment.

Remove all sources of ignition.

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.

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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.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

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.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
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

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
MAK - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: Pelle
ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair

PPG-2 Methyl Ether - CAS: 34590-94-8
MAK - TWA(8h): 50 ppm - STEL: 50 ppm - Notes: Pelle
EU - TWA(8h): 308 mg/m³, 50 ppm - Notes: Skin
ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: Skin - Eye and URT irr, CNS impair

ISOAMYL ACETATE - CAS: 123-92-2
EU - TWA(8h): 270 mg/m³, 50 ppm - STEL: 540 mg/m³, 100 ppm
ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: URT irr

DNEL Exposure Limit Values
propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0
Worker Industry: 500 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 888 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 3.2 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 15 mg/kg - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 1.67 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Consumer: 319 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 26 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Consumer: 89 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

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propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Target: Freshwater sediments - Value: 70.2 mg/kg

Target: Marine water sediments - Value: 7.2 mg/kg

Target: Soil (agricultural) - Value: 2.74 mg/kg

Target: Fresh Water - Value: 19 mg/l

Target: Marine water - Value: 1.9 mg/l

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance:	Transparent Liquid	Visual	--
Color:	Red / Rosé	Visual	--
Odour:	Technique / Feature	Olfactory	--
Odour threshold:	Not Relevant	--	Parameter Not Relevant For The Product Type.
pH:	8.0 +/- 0.5	Instrumental Control	--
Melting point / freezing point:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Initial boiling point and boiling range:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Flash point:	050 ° C		--
Evaporation rate:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Solid/gas flammability:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Upper/lower flammability or explosive limits:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Vapour pressure:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Vapour density:	Not Relevant	--	Parameter Not Relevant For The Product Type.

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Relative density:	0.9900 +/- 0,01 gr/ml	Instrumental Control	--
Solubility in water:	Excellent	Internal Tests	--
Solubility in oil:	Not Relevant	--	--
Partition coefficient (n-octanol/water):	Not Relevant	--	Parameter Not Relevant For The Product Type.
Auto-ignition temperature:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Decomposition temperature:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Viscosity:	< 10 Cps	--	Estimated Estimated Value. Non-Viscous Mixture.
Explosive properties:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Oxidizing properties:	Not Relevant	--	Parameter Not Relevant For The Product Type.

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Fat Solubility:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Conductivity:	Not Relevant	--	Parameter Not Relevant For The Product Type.
Substance Groups relevant properties	Not Relevant	--	Parameter Not Relevant For The Product Type.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) acute toxicity:

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

Test: LD50 - Route: Skin - Species: Rabbit 13900 mg/kg

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Test: LC50 - Route: Inhalation - Species: Rat > 25000 mg/kg - Notes: Durata 6 h
C11-13 Pareth- 10 - CAS: 68439-54-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 300-2000 mg/kg - Source: Test/bibliografici
fornitore

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Source: Test/bibliografici
fornitore

b) skin corrosion/irritation:

Test: Skin Corrosive - Route: Skin - Species: Rabbit Negative - Source:
Test/bibliografici fornitore - Notes: Non irritante

c) serious eye damage/irritation:

Test: Eye Corrosive - Route: Skin - Species: Rabbit Positive - Source: Test/bibliografici
fornitore - Notes: Gravi lesioni oculari

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin Negative - Source: Test/bibliografici fornitore -
Notes: Porcellino d'India - non sensibilizzante

e) germ cell mutagenicity:

Test: Mutagenesis Negative - Source: Test/bibliografici fornitore - Notes: Metodo Ames
- non mutagenico

f) carcinogenicity:

Test: Carcinogenicity Negative - Source: Bibliografici fornitore

g) reproductive toxicity:

Test: Reproductive Toxicity = - Source: Bibliografici fornitore - Notes: NOAEL:
(g)>250mg/kg|(F1)>250mg/kg;(F2)>250mg/kg (rif peso corporeo/giorno)

h) STOT-single exposure:

Test: STOT = - Notes: Non classificata come intossicante

i) STOT-repeated exposure:

Test: STOT = - Notes: Non classificata come intossicante

PPG-2 Methyl Ether - CAS: 34590-94-8

a) acute toxicity:

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

Test: LD50 - Route: Skin > 13000 mg/kg

If not differently specified, the information required in Regulation (EU)2015/830 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.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: LC50 = 9640 mg/l - Duration h: 96

Endpoint: EC50 = 100 mg/l - Duration h: 48

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C11-13 Pareth- 10 - CAS: 68439-54-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1-10 mg/l - Duration h: 96 - Notes: OECD TG 203 Test/bibliografici fornitore

Endpoint: EC50 - Species: Daphnia > 1-10 mg/l - Duration h: 48 - Notes: OECD TG 202 Test/bibliografici fornitore

Endpoint: EC50 - Species: Algae > 1-10 mg/l - Duration h: 72 - Notes: OECD TG 201 Test/bibliografici fornitore

c) Bacteria toxicity:

Endpoint: EC50 - Species: Bacteria 140 mg/l

e) Plant toxicity:

Endpoint: NOEC - Species: Algae 10 mg/kg - Notes: OECD TG 301

PPG-2 Methyl Ether - CAS: 34590-94-8

a) Aquatic acute toxicity:

Endpoint: LC50 = 10000 mg/l - Duration h: 96 - Notes: Maggiore di

Endpoint: EC50 = 1919 mg/l - Duration h: 48

12.2. Persistence and degradability

C11-13 Pareth- 10 - CAS: 68439-54-3

Biodegradability: Readily biodegradable - Test: N.A. - Duration: N.A. - %: 60 - Notes: OECD TG 301B >60% 28d aerobico

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: 1274

IATA-UN Number: 1274

IMDG-UN Number: 1274

14.2. UN proper shipping name

ADR-Shipping Name: n-PROPANOL (PROPYL ALCOHOL, NORMAL)

IATA-Shipping Name: n-PROPANOL (PROPYL ALCOHOL, NORMAL)

IMDG-Shipping Name: n-PROPANOL (PROPYL ALCOHOL, NORMAL)

14.3. Transport hazard class(es)

ADR-Class: 3

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ADR - Hazard identification number:	30
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3
14.4. Packing group	
ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III
14.5. Environmental hazards	
ADR-Environmental Pollutant:	No
IMDG-Marine pollutant:	No
14.6. Special precautions for user	
ADR-Subsidiary risks:	-
ADR-S.P.:	-
ADR-Transport category (Tunnel restriction code):	(D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3
IATA-ERG:	3L
IMDG-EmS:	F-E , S-D
IMDG-Subsidiary risks:	-
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	
N.A.	

The product is transported in conditions that comply with exemption criteria for ADR transport.

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)

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

Restriction 40

Restrictions related to the substances contained:

No restriction.

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Volatile Organic compounds - VOCs = 5.00 %
 Volatile Organic compounds - VOCs = 50.00 g/Kg
 Volatile CMR substances = 0.00 %
 Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %
 Organic Carbon - C = 2.99
 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: P5c
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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:
 H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H302 Harmful if swallowed.
 H318 Causes serious eye damage.
 H410 Very toxic to aquatic life with long lasting effects.
 H314 Causes severe skin burns and eye damage.
 H400 Very toxic to aquatic life.
 H226 Flammable liquid and vapour.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
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
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 3	4.1/C3	Chronic (long term) aquatic hazard, 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
Flam. Liq. 3, H226	On basis of test data

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Eye Irrit. 2, H319	Calculation method
Aquatic Chronic 3, H412	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.
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.