Safety Data Sheet
NUOVO FOAM TMB

Safety Data Sheet dated 15/6/2020, version 2

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

1.1. Product identifier

Mixture identification:

Trade name: NUOVO FOAM TMB

Trade code: 82052

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

Recommended use:

Cleaning product

1.3. Details of the supplier of the safety data sheet

Company:

FRA.BER S.R.L.

Via M.Merisi 40-46

24051 Antegnate (BG)

Italy

Tel.+390363905287

Competent person responsible for the safety data sheet:

info@fra-ber.it

1.4. Emergency telephone number

Emergency telephone number of the company and/or of an authorised advisory centre:

Centro Antiveleni - Ospedale di Niguarda - Milano - phone: +390266101029

Fra-Ber s.r.l. via M.Merisi 40-46, 24051 Antegnate (BG) - Italy, phone: +390363905287

info@fra-ber.it

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

Danger, Skin Corr. 1B, Causes severe skin burns and eye damage.

Danger, Eye Dam. 1, Causes serious eye damage.

Warning, STOT SE 3, May cause respiratory irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

Precautionary statements:

P261 Avoid breathing dust or mist.

P280 P280.1

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310.A Immediately call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER/doctor/... if you feel unwell.

Special Provisions:
None

Contains
ETHANOLAMINE
Sulfuric acid, C12-14 (even numbered)-alkyl-esters, compds. with triethanolamine
D-LIMONENE: May produce an allergic reaction.

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

Product contents:

NTA (nitrilotriacetic acid) and salts thereof	< 5 %

The product also contains:

Allergens:	D-LIMONENE, BENZYL ALCOHOL
Preservatives:	METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE

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	Additional info
>= 5% - < 15%	ETHANOLAMINE	CAS: 141-43-5 EC: 205-483-3 REACH No.: 01-2119486455-28	3.1/4/Inhal Acute Tox. 4 H332 3.1/4/Dermal Acute Tox. 4 H312 3.1/4/Oral Acute Tox. 4 H302 3.2/1B Skin Corr. 1B H314	REACH n° : Polymer: N.A.
>= 2% - < 5%	TRISODIUM NTA	CAS: 5064-31-3 EC: 225-768-6 REACH No.: 01-2119519239-36	3.1/4/Oral Acute Tox. 4 H302 3.6/2 Carc. 2 H351 3.3/2 Eye Irrit. 2 H319	REACH n° : Polymer: N.A.
>= 2% - < 5%	BUTOXYDIGLYCOL	CAS: 112-34-5 EC: 203-961-6 REACH No.: 01-2119475104-44	3.3/2 Eye Irrit. 2 H319	REACH n° : Polymer: N.A.
>= 2% - <	Sulfuric acid,	EC: 939-265-0	3.2/2 Skin Irrit. 2 H315	REACH n° : Polymer:

5%	C12-14 (even numbered)-alkyl -esters, compds. with triethanolamine		4.1/C3 Aquatic Chronic 3 H412 3.3/1 Eye Dam. 1 H318	N.A.
< 2%	Aliphatic phosphorus acid, aliphatic amine salt	CAS: 42220-47-3	3.3/2 Eye Irrit. 2 H319 3.2/2 Skin Irrit. 2 H315 4.1/C3 Aquatic Chronic 3 H412	REACH n° : Polymer: N.A.
< 2%	D-LIMONENE	CAS: 5989-27-5 EC: 227-813-5 REACH No.: 01-21195292 23-47	2.6/3 Flam. Liq. 3 H226 4.1/A1 Aquatic Acute 1 H400 3.2/2 Skin Irrit. 2 H315 3.4.2/1 Skin Sens. 1 H317 4.1/C1 Aquatic Chronic 1 H410	REACH n° : Polymer: N.A.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
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:

Do NOT induce vomiting.

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.
Carbon dioxide (CO2).
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.

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

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.

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:

Contamined 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.

Incompatible materials:

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

ETHANOLAMINE - CAS: 141-43-5

EU - TWA(8h): 2.5 mg/m3, 1 ppm - STEL: 7.6 mg/m3, 3 ppm - Notes: Skin

ACGIH - TWA(8h): 3 ppm - STEL: 6 ppm - Notes: Eye and skin irr

BUTOXYDIGLYCOL - CAS: 112-34-5

EU - TWA(8h): 67.5 mg/m3, 10 ppm - STEL: 101.2 mg/m3, 15 ppm

ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff

DNEL Exposure Limit Values

ETHANOLAMINE - CAS: 141-43-5
Consumer: 2 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)
Consumer: 0.24 04 - Exposure: Human Dermal - Frequency: Long Term (repeated)
Consumer: 3.75 04 - Exposure: Human Oral - Frequency: Long Term (repeated)
Worker Industry: 3.3 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)
Worker Industry: 1 04 - Exposure: Human Dermal - Frequency: Long Term (repeated)
BUTOXYDIGLYCOL - CAS: 112-34-5
Consumer: 40.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)
Consumer: 60.7 03 - Exposure: Human Inhalation - Frequency: Short Term (acute)
Consumer: 50 04 - Exposure: Human Dermal - Frequency: Long Term (repeated)
Consumer: 40.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)
Consumer: 5 04 - Exposure: Human Oral - Frequency: Long Term (repeated)
Worker Industry: 101.2 03 - Exposure: Human Inhalation - Frequency: Short Term (acute)
Worker Industry: 67.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)
Worker Industry: 83 04 - Exposure: Human Dermal - Frequency: Long Term (repeated)
Worker Industry: 67.5 03 - Exposure: Human Inhalation - Frequency: Long Term (repeated)
D-LIMONENE - CAS: 5989-27-5
Worker Industry: 33.3 03 - Consumer: 8.33 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: 1
Worker Industry: 222 05 - Consumer: 111 05 - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Endpoint: 1
Consumer: 4.78 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Endpoint: 1

PNEC Exposure Limit Values
ETHANOLAMINE - CAS: 141-43-5
Target: Fresh Water - Value: 0.085 mg/l
Target: Aquatic, temporary release - Value: 0.02 mg/l
Target: Marine water - Value: 0.009 mg/l
Target: Freshwater sediments - Value: 0.434 04
Target: Marine water sediments - Value: 0.043 04
Target: Soil (agricultural) - Value: 0.037 04
Target: Purification plant - Value: 100 mg/l
BUTOXYDIGLYCOL - CAS: 112-34-5
Target: Fresh Water - Value: 1.1 mg/l
Target: Marine water - Value: 0.11 mg/l
Target: Freshwater sediments - Value: 4.4 04
Target: Marine water sediments - Value: 0.44 04
Target: Soil (agricultural) - Value: 0.32 04
Target: Secondary poisoning - Value: 56 mg/kg
Target: Purification plant - Value: 200 mg/l
D-LIMONENE - CAS: 5989-27-5
Target: Fresh Water - Value: 5.40 03 - Notes:: assessment factor: 50
Target: Marine water - Value: 0.54 03 - Notes:: assessment factor: 500
Target: Microorganisms in sewage treatments - Value: 1.80 mg/l - Notes:: assessment factor: 10
Target: Freshwater sediments - Value: 1.32 mg/kg - Notes:: partition coefficient
Target: Marine water sediments - Value: 0.13 mg/kg - Notes:: partition coefficient
Target: Soil (agricultural) - Value: 0.26 mg/kg - Notes:: partition coefficient
Target: 10 - Value: 3.33 mg/kg - Notes:: assessment factor: 30

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. rubber, PVC or viton.

Protection for hands:

gloves in nitrile; the min. Break-Through Time of the Gloves is: 480 min; the Glove Thickness is: 0,38 mm

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

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:	clear liquid	--	--
Odour:	characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	10.79 ± 0.5	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	>100 °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:	1.07 g/cm3 +/-0,005 g/cm3	--	--
Solubility in water:	soluble	--	--
Solubility in oil:		--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
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.	--	--
Storage temperature:	5°C < x < 20°C	--	--
Substance Groups relevant properties	N.A.	--	--

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
None in particular.
10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological information of the product:
NUOVO FOAM TBM
a) acute toxicity
Not classified
Based on available data, the classification criteria are not met
b) skin corrosion/irritation
The product is classified: Skin Corr. 1B H314
c) serious eye damage/irritation
The product is classified: Eye Dam. 1 H318
d) respiratory or skin sensitisation
Not classified
Based on available data, the classification criteria are not met
e) germ cell mutagenicity
Not classified
Based on available data, the classification criteria are not met
f) carcinogenicity
Not classified
Based on available data, the classification criteria are not met
g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
h) STOT-single exposure
The product is classified: STOT SE 3 H335
i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met
j) aspiration hazard
Not classified
Based on available data, the classification criteria are not met
Toxicological information of the main substances found in the product:
ETHANOLAMINE - CAS: 141-43-5
a:

Test: LD50 - Route: Oral - Species: Rat = 1089 mg/kg bw/day - Source: OCSE 401
Test: LD50 - Route: Skin - Species: Rabbit = 2504 mg/kg bw/day - Source: OCSE 402
Test: LC50 - Route: Inhalation - Species: Rat > 1.3 mg/l - Duration: 6 h

BUTOXYDIGLYCOL - CAS: 112-34-5

a:

Test: LD50 - Route: Oral - Species: Rat 2410 01 - Source: OCSE 401
Test: LD50 - Route: Skin - Species: Rabbit 2764 01 - Source: OCSE 402

D-LIMONENE - CAS: 5989-27-5

a:

Test: LD50 - Route: Oral 4400 mg/kg
Test: EC57 - Route: Skin - Species: ESSERI UMANI 10000 02
Test: EC58 - Route: Skin - Species: ESSERI UMANI 10000 02
Test: EC61 - Species: ESSERI UMANI 591 mg/kg
Test: EC62 - Species: ESSERI UMANI 2363 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

NUOVO FOAM TBM

Not classified for environmental hazards
Based on available data, the classification criteria are not met

ETHANOLAMINE - CAS: 141-43-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 349 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia = 65 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 2.8 mg/l - Duration h: 72 - Notes: OCSE 201

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish 1.24 mg/l - Duration h: 984 - Notes: OCSE 210
Endpoint: NOEC - Species: Daphnia 0.85 mg/l - Duration h: 504

BUTOXYDIGLYCOL - CAS: 112-34-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Fish = 1300 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48
Endpoint: LC50 - Species: Algae > 100 mg/l - Duration h: 96

D-LIMONENE - CAS: 5989-27-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 702 mg/l - Duration h: 96
Endpoint: NOEC - Species: Daphnia 0.074 mg/l - Duration h: 48
Endpoint: NOEC - Species: Algae 2.62 mg/l - Duration h: 72
Endpoint: EC50 209 mg/l - Duration h: 3

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
Not classified as dangerous in the meaning of transport regulations.
14.2. UN proper shipping name
N.A.
14.3. Transport hazard class(es)
N.A.
14.4. Packing group
N.A.
14.5. Environmental hazards
ADR-Enviromental Pollutant: No
IMDG-Marine pollutant: No
14.6. Special precautions for user
N.A.
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
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) 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)
Regulation (EU) n. 2018/699 (ATP 11 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:
Restriction 55

Volatile Organic compounds - VOCs = 4.89 %
Volatile CMR substances = 0.00 %
Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %
Organic Carbon - C = 0.00

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
None

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Text of phrases referred to under heading 3:
H332 Harmful if inhaled.
H312 Harmful in contact with skin.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H351 Suspected of causing cancer if inhaled.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.
H318 Causes serious eye damage.
H226 Flammable liquid and vapour.
H400 Very toxic to aquatic life.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
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
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Carc. 2	3.6/2	Carcinogenicity, 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

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 7: Handling and storage
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**
Skin Corr. 1B, H314	Calculation method
Eye Dam. 1, H318	Calculation method
STOT SE 3, H335	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.