Safety Data Sheet

according to Regulation (EC) No 1907/2006

Anti-Corrosie vloeistof

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

1.1. Product identifier

Anti-Corrosie vloeistof

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

Use of the substance/mixture

Corrosion inhibitor

1.3. Details of the supplier of the safety data sheet

Company name:	Lastafelshop.com	
Street:	J.G. van der Stoopweg 6	
Place:	NL-2396 BH KOUDEKERK AAN DEN RIJN	
Telephone:	071-2001175	
E-mail:	info@lastafelshop.com	
Contact person:	Jan Louwers	Telephone: 071-2001175
Internet:	www.lastafelshop.com	
Responsible Department:	info@lastafelshop.com	

1.4. Emergency telephone number:

071-2001175 (Office hours 08h till 16h)

Further Information

For use in industrial installations and professional treatment only.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin Sens. 1; H317
Asp. Tox. 1; H304

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

White mineral oil (petroleum)
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics
Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts
Benzene, dialkyl chains C10-14, sulfonated, sodium salts

Signal word: Danger

Pictograms:



Hazard statements

H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352	IF ON SKIN: Wash with plenty of water.

P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

Avoid release to the environment.

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
8042-47-5	White mineral oil (petroleum)			50 - < 100 %
	232-455-8		01-2119487078-27	
	Asp. Tox. 1; H304			
64741-65-7	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics			30 - < 35 %
	918-167-1		01-2119472146-39	
	Flam. Liq. 3, Asp. Tox. 1; H226 H304			
1471316-72-9	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts			2.5 - < 5 %
	939-603-7		01-2119978241-36	
	Skin Sens. 1; H317			
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified			1 - < 2.5 %
	265-156-6		01-2119480375-34	
	Asp. Tox. 1; H304			
85117-47-1	Benzene, dialkyl chains C10-14, sulfonated, sodium salts			0.1 - < 1 %
	285-597-8		01-2119985162-35	
	Skin Sens. 1; H317			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
8042-47-5	232-455-8	White mineral oil (petroleum)	50 - < 100 %
	inhalation: LC50 = > 5 mg/l (vapours); dermal: LD50 = > 2001 mg/kg; oral: LD50 = >5000 mg/kg		
64741-65-7	918-167-1	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	30 - < 35 %
	inhalation: LC50 = > 4,95 mg/l (vapours); dermal: LD50 = 2200-2500 mg/kg; oral: LD50 = 5000-15000 mg/kg		
1471316-72-9	939-603-7	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts	2.5 - < 5 %
	dermal: LD50 = 2000 mg/kg; oral: LD50 = 10000-20000 mg/kg		
64742-53-6	265-156-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified	1 - < 2.5 %
	inhalation: LC50 = > 5,53 mg/l (dusts or mists); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg		
85117-47-1	285-597-8	Benzene, dialkyl chains C10-14, sulfonated, sodium salts	0.1 - < 1 %
	inhalation: LC50 = > 1,9 mg/l (dusts or mists); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Seek medical attention if problems persist. No administration in cases of unconsiousness or cramps.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

Remove contaminated, saturated clothing immediately.
Wash with plenty of water/soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.
Caution if victim vomits: Risk of aspiration!

4.2. Most important symptoms and effects, both acute and delayed

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Extinguishing powder. Carbon dioxide. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:
Carbon monoxide
Carbon dioxide (CO2).
Sulfur oxides.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

High slip hazard because of leaking or spilled product. Remove all sources of ignition. Keep away from unprotected people. Keep upwind.

For non-emergency personnel

Provide adequate ventilation.

For emergency responders

Wear personal protection equipment. Use appropriate respiratory protection. Remove persons to safety.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Treat the recovered material as prescribed in the section on waste disposal .
Collect in closed containers for disposal.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Disposal: see section 13
Safe handling: see section 7
Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid oil mist
Use only in well-ventilated areas.
When using do not eat, drink or smoke.

Further information on handling

High slip hazard because of leaking or spilled product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.
Recommended storage temperature: 5-40 °C

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.
Maximum period of storage (time): 3

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
8042-47-5	White mineral oil (petroleum)			
Worker DNEL, long-term		inhalation	systemic	164,56 mg/m³
Worker DNEL, long-term		dermal	systemic	217,05 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	34,78 mg/m³
Consumer DNEL, long-term		dermal	systemic	93,02 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	25 mg/kg bw/day
1471316-72-9	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts			
Worker DNEL, long-term		inhalation	systemic	35,26 mg/m³
Worker DNEL, long-term		dermal	systemic	25 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	8,7 mg/m³
Consumer DNEL, long-term		dermal	systemic	12,5 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	0,518 mg/cm²
Consumer DNEL, long-term		oral	systemic	2,5 mg/kg bw/day
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified			
Worker DNEL, long-term		dermal	systemic	0,97 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,74 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	2,73 mg/m³
Worker DNEL, long-term		inhalation	local	5,58 mg/m³
85117-47-1	Benzene, dialkyl chains C10-14, sulfonated, sodium salts			
Worker DNEL, long-term		inhalation	systemic	0,66 mg/m³
Worker DNEL, long-term		dermal	systemic	3,33 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,33 mg/m³
Consumer DNEL, long-term		dermal	systemic	1667 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,833 mg/kg bw/day

PNEC values

CAS No	Substance
Environmental compartment	Value
1471316-72-9	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts
Freshwater	0,1 mg/l
Marine water	0,1 mg/l
Freshwater sediment	45211 mg/kg
Marine sediment	45211 mg/kg
Microorganisms in sewage treatment plants (STP)	1000 mg/l
Soil	36739 mg/kg
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified
Secondary poisoning	9,33 mg/kg
85117-47-1	Benzene, dialkyl chains C10-14, sulfonated, sodium salts
Freshwater	1 mg/l
Marine water	1 mg/l
Freshwater sediment	723500000 mg/kg
Marine sediment	723500000 mg/kg
Secondary poisoning	16667 mg/kg
Microorganisms in sewage treatment plants (STP)	100 mg/l
Soil	868100000 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls





Individual protection measures, such as personal protective equipment

Hand protection

Protect skin by using skin protective cream.
Wash hands before breaks and after work.
Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Skin protection

Chemical resistant safety shoes. Take off immediately all contaminated clothing.
Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	brown
Odour:	characteristic

		Test method
Boiling point or initial boiling point and boiling range:	167,2 - 328,7 °C	
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	10 vol. %	
Flash point:	62 °C	closed cup
Auto-ignition temperature:	>200 °C	
pH-Value:	not applicable	
Viscosity / kinematic: (at 40 °C)	5 mm²/s	ASTM D 7042
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.	
Vapour pressure:	not determined	
Density (at 20 °C):	0,81 g/cm³	DIN 51757

9.2. Other information

Information with regard to physical hazard classes

Sustained combustibility: No data available

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Protect against: heat.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong.

10.6. Hazardous decomposition products

Hazardous decomposition products: none

Further information

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

SECTION 11: Toxicological information

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

Toxicocinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.
Data apply to the main component.

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalativ Dampf) > 20 mg/l; ATE (inhalativ Staub/Nebel) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
8042-47-5	White mineral oil (petroleum)				
	oral	LD50 >5000 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 > 2001 mg/kg	Rabbit	ECHA	OECD 402
	inhalation (4 h) vapour	LC50 > 5 mg/l	Rat	ECHA	OECD 403
64741-65-7	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics				
	oral	LD50 5000-15000 mg/kg	Rat	ECHA	
	dermal	LD50 2200-2500 mg/kg	Rabbit	ECHA	
	inhalation (4 h) vapour	LC50 > 4,95 mg/l	Rat	ECHA	OECD Guideline 403
1471316-72-9	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts				
	oral	LD50 10000-20000 mg/kg	Rat	ECHA	
	dermal	LD50 2000 mg/kg	Rat	ECHA	
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified				
	oral	LD50 >5000 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 >5000 mg/kg	Rabbit	ECHA	OECD 402
	inhalation (4 h) dust/mist	LC50 > 5,53 mg/l	Rat	ECHA/ Read Across	OECD 403
85117-47-1	Benzene, dialkyl chains C10-14, sulfonated, sodium salts				
	oral	LD50 >5000 mg/kg	Rat	Echa	OECD Guideline 401
	dermal	LD50 >5000 mg/kg	Rat		OECD Guideline 403
	inhalation (4 h) dust/mist	LC50 > 1,9 mg/l	Rat		OECD Guideline 403

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts; Benzene, dialkyl chains C10-14, sulfonated, sodium salts)

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

Additional information on tests

No risks worthy of mention. Practical experience.
The statement is derived from the properties of the single components.
The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

11.2. Information on other hazards

Endocrine disrupting properties

Based on available data, the classification criteria are not met.
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.
The statement is derived form the properties of the components.
May accumulate in organisms.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
8042-47-5	White mineral oil (petroleum)						
	Acute fish toxicity	LC50	>1000 mg/l	96 h	Leuciscus idus	ECHA	OECD 203
	Acute algae toxicity	ErC50	> 100 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna	ECHA	OECD 202
	Fish toxicity	NOEC	> 1000 mg/l	28 d	QSAR	ECHA	
	Crustacea toxicity	NOEC	> 1000 mg/l	21 d	Daphnia magna		
64741-65-7	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics						
	Acute fish toxicity	LC50	>1001 mg/l	96 h	Oncorhynchus mykiss	ECHA	OECD Guideline 203
	Acute algae toxicity	ErC50	> 1000 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA	OECD Guideline 201
	Acute crustacea toxicity	EC50	> 1000 mg/l	48 h	Daphnia magna	ECHA	OECD Guideline 202
	Crustacea toxicity	NOEC	> 1 mg/l	21 d	Daphnia magna	ECHA	OECD Guideline 211
1471316-72-9	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts						
	Acute fish toxicity	LC50	> 100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		OECD 203
	Acute algae toxicity	ErC50	> 1000 mg/l	72 h	Pseudokirchneriella subcapitata		OECD 201
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna		OECD 202
	Algae toxicity	NOEC	> 1000 mg/l	3 d	Scenedesmus subspicatus		OECD 201
	Acute bacteria toxicity	EC50	>10000 mg/l ( )				
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified						
	Acute fish toxicity	LC50	> 100 mg/l	96 h	Pimephales promelas		OECD 203; KS=1
	Acute algae toxicity	ErC50	100 mg/l	72 h	Pseudokirchneriella subcapitata		OECD 201; KS = 2
	Acute crustacea toxicity	EC50	>10000 mg/l	48 h	Daphnia magna		OECD 202; KS = 2
85117-47-1	Benzene, dialkyl chains C10-14, sulfonated, sodium salts						
	Acute fish toxicity	LC50	1000 mg/l	96 h	Sheepshead minnows	Echa	OECD Guideline 203
	Acute algae toxicity	ErC50	1000 mg/l	72 h		Echa	EPA OTS 797.1050
	Acute crustacea toxicity	EC50	1000 mg/l	48 h	Daphnia Magna	Echa	EPA OTS 797.1300

12.2. Persistence and degradability

Product is not easily biodegradable.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
8042-47-5	White mineral oil (petroleum)			
	OECD	0%	28	
	Not easily bio-degradable (according to OECD-criteria).			
64741-65-7	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics			
	OECD Guideline 301 F	87 %	28	
	Readily biodegradable (according to OECD criteria).			
1471316-72-9	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts			
	RA_CAS 70024-69-0, OECD 301D	8,0%	28	
	Not easily bio-degradable (according to OECD-criteria).			
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified			
		31,13 %	28	
	Not easily bio-degradable (according to OECD-criteria).			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
8042-47-5	White mineral oil (petroleum)	> 4
64741-65-7	Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	6,7 - 7,2
1471316-72-9	Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts	6,91
85117-47-1	Benzene, dialkyl chains C10-14, sulfonated, sodium salts	10,86

12.4. Mobility in soil

in delivery condition: liquid

12.5. Results of PBT and vPvB assessment

Based on available data, the classification criteria are not met.
The components in this formulation do not meet the criteria for classification as PBT or vPvB .

12.6. Endocrine disrupting properties

Based on available data, the classification criteria are not met.

12.7. Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

130899 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); oil wastes not otherwise specified; wastes not otherwise specified; hazardous waste

List of Wastes Code - used product

130899 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); oil wastes not otherwise specified; wastes not otherwise specified; hazardous waste

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	-

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name:	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es):	No dangerous good in sense of these transport regulations.
14.4. Packing group:	-

Other applicable information (air transport)

Not restricted

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Personal protection equipment: see section 8

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water hazard class (D):	1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics
Benzenesulfonic acid, di-C10-C14-alkyl derivs., calcium salts
Distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,7,9,12,15.

Abbreviations and acronyms

Flam. Liq. 3: Flammable liquids, hazard category 3
Asp. Tox. 1: Aspiration hazard, hazard category 1
Skin Sens. 1: Skin sensitisation, hazard category 1
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
SVHC: Substance of Very High Concern
Abkürzungen und Akronyme siehe Verzeichnis unter http://abk.esdscom.eu

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Asp. Tox. 1; H304	Calculation method

Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)