

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanole)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 1 of 12

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

1.1. Product identifier

WHO disinfectant (Ethanole)

Further trade names

This MSDS covers the following products:

- REF 18814.xxxxx – WHO-Desinfektionsmittel Formel 1 (Ethanol)

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

Use of the substance/mixture

Use as disinfectant.

Uses advised against

Not known

1.3. Details of the supplier of the safety data sheet

Company name:	MORPHISTO GmbH	
Street:	Weismüllerstr. 45	
Place:	D-60314 Frankfurt am Main	
Telephone:	+49 (0) 69 / 400 3019-60	Telefax: +49 (0) 69 / 400 3019-64
e-mail:	info@morphisto.de	
Internet:	http://www.morphisto.de	

1.4. Emergency telephone number:

Poison Information Center Mainz, Germany, Tel: +49(0)6131/19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Highly flammable liquid and vapour.

Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Danger

Pictograms:



Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P235 Keep cool.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanole)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 2 of 12

 P337+P313
 P370+P378

 If eye irritation persists: Get medical advice/attention.
 In case of fire: Use foam to extinguish.

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Do not spray on naked flames or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64-17-5	ethanol, ethyl alcohol			80 - < 85 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
56-81-5	Glycerol			1 - < 5 %
	200-289-5			
7722-84-1	hydrogen peroxide solution %			< 1 %
	231-765-0	008-003-00-9		
	Ox. Liq. 1, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A; H271 H332 H302 H314			

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

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

Consult a doctor if skin reactions occur. The product is intended for skin contact.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Immediately call a POISON CENTER/doctor/. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting.

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

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 3 of 12

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam. Extinguishing powder. Carbon dioxide (CO₂)

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Highly flammable. Vapours can form explosive mixtures with air. Can be released in case of fire: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition - No smoking. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation. Avoid contact with eyes. Wear personal protection equipment. (General protection and hygiene measures - see section 7.1 See section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clear contaminated areas thoroughly. Wash with plenty of water.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air. Keep away from hot surfaces.

Further information on handling

Flammable vapours can accumulate in head space of closed systems. When using do not eat, drink or smoke. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 4 of 12

Hints on joint storage

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances Oxidizing substances. Alkali metals. Food and fodder

Further information on storage conditions

Store small packages in a suitable, robust cabinet.

7.3. Specific end use(s)

Disinfectants

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
7722-84-1	Hydrogen peroxide	1	1.4		TWA (8 h)	WEL
		2	2.8		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64-17-5	ethanol, ethyl alcohol			
	Worker DNEL, acute	inhalation	local	1900 mg/m ³
	Worker DNEL, long-term	dermal	systemic	343 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	950 mg/m ³
	Consumer DNEL, acute	inhalation	local	950 mg/m ³
	Consumer DNEL, long-term	dermal	systemic	206 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	114 mg/m ³
	Consumer DNEL, long-term	oral	systemic	87 mg/kg bw/day

PNEC values

CAS No	Substance	Value
64-17-5	ethanol, ethyl alcohol	
	Freshwater	0,96 mg/l
	Freshwater (intermittent releases)	2,75 mg/l
	Marine water	0,79 mg/l
	Marine water (intermittent releases)	2,75 mg/l
	Freshwater sediment	3,6 mg/kg
	Marine sediment	2,9 mg/kg
	Secondary poisoning	0,72 mg/kg
	Micro-organisms in sewage treatment plants (STP)	580 mg/l
	Soil	0,63 mg/kg

8.2. Exposure controls

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 5 of 12


Appropriate engineering controls

Filling and transfer: Provide adequate ventilation as well as local exhaust at critical locations. Additional information: refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Always close containers tightly after the removal of product.

Eye/face protection

Filling and transfer : Suitable eye protection: Tightly sealed safety glasses. DIN EN 166

Hand protection

Filling and transfer: Hand protection Suitable material: Butyl rubber. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Filling and transfer : Wear anti-static footwear and clothing . Suitable protective clothing: Lab apron. Flame-retardant protective clothing

Respiratory protection

Respiratory protection necessary at: Insufficient ventilation. . Generation/formation of aerosols. exceeding exposure limit values. Filling and transfer .

Suitable respiratory protective equipment: gas filtering equipment (EN 141). Typ: A.AX

Environmental exposure controls

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	colourless	
Odour:	alcoholic	
pH-Value (at 20 °C):		Active agent: 7

Changes in the physical state

Melting point:		Active agent: <0 °C
Initial boiling point and boiling range:		Active agent: 81 °C
Sublimation point:		not determined
Softening point:		not applicable
Pour point:		not applicable
Flash point:		Active agent: 19,5 °C
Sustaining combustion:		Not sustaining combustion

Flammability

Solid:	not applicable
Gas:	not applicable

Explosive properties

The product itself is not explosive, but can form explosive air/vapour mixtures. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Lower explosion limits:	2,0 vol. %
-------------------------	------------

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanole)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 6 of 12

Upper explosion limits: 13,4 vol. %

Ignition temperature: Active agent:425 °C

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

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

Vapour pressure: Active agent:58 hPa

(at 20 °C)

Vapour pressure: Active agent:293 hPa

(at 50 °C)

Density (at 20 °C): 0,85 g/cm³

Bulk density: not applicable

Water solubility: completely miscible

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: Active agent 1,52 mm²/s

(at 20 °C)

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

Solvent content: 15%

9.2. Other information

Solid content: not applicable

Odour threshold: not determined

SECTION 10: Stability and reactivity**10.1. Reactivity**

Highly flammable.

10.2. Chemical stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

May cause or intensify fire; oxidiser.

10.4. Conditions to avoid

In case of warming: Danger of spontaneous combustion. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode. Vapours of flammable solvents can accumulate in the gas phase of closed container, especially during heat treatment. Therefore keep away from fire and sources of ignition.

10.5. Incompatible materials

Materials to avoid: Alkali metals. Alkaline earth metals. Chloroform. nitric acid. hydrogenium peroxide.

Oxidizing agents. bromine. Reducing agents. Fluorine. nitrosyl compounds.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 7 of 12

10.6. Hazardous decomposition products

 Can be released in case of fire: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

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

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
64-17-5	ethanol, ethyl alcohol					
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier	
	inhalation (4 h) vapour	LC50 mg/l	124,7	Rat	ECHA Dossier	
56-81-5	Glycerol					
	oral	LD50 mg/kg	12600	Rat.		
	dermal	LD50 mg/kg	>21900	Rat.		
	inhalation (4 h) vapour	LC50 mg/l	>2,57	Rat.	ECHA	
7722-84-1	hydrogen peroxide solution %					
	oral	LD50 mg/kg	418 - 445	Rat		
	dermal	LD50 mg/kg	3000	Rat	GESTIS	
	inhalation vapour	ATE	11 mg/l			
	inhalation aerosol	ATE	1,5 mg/l			

Irritation and corrosivity

Causes serious eye irritation.

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

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

SECTION 12: Ecological information
12.1. Toxicity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 8 of 12

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64-17-5	ethanol, ethyl alcohol					
	Acute fish toxicity	LC50 mg/l	14200	96 h	Pimephales promelas	ECHA Dossier
	Acute algae toxicity	ErC50	275 mg/l	72 h	Chlorella vulgaris	ECHA Dossier
	Acute crustacea toxicity	EC50 mg/l	5012	48 h	Ceriodaphnia dubia	ECHA Dossier
	Crustacea toxicity	NOEC	9,6 mg/l	9 d	Daphnia magna	ECHA Dossier
56-81-5	Glycerol					
	Acute fish toxicity	LC50 mg/l	54000	96 h	Oncorhynchus mykiss	

12.2. Persistence and degradability

Biodegradable.

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
64-17-5	ethanol, ethyl alcohol				
	other guideline	84%	20	ECHA Dossier	
	Biodegradable.				

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol, ethyl alcohol	-0,31
56-81-5	Glycerol	-1,76

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available.

Further information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Avoid release to the environment. Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Avoid release to the environment. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal.

List of Wastes Code - residues/unused products

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 9 of 12

List of Wastes Code - used product

070704 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: UN 1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Classification code: F1
Special Provisions: 144 601
Limited quantity: 1 L
Excepted quantity: E2
Transport category: 3
Hazard No: 33
Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number: UN 1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Classification code: F1
Special Provisions: 144 601
Limited quantity: 1 L
Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number: UN 1170
14.2. UN proper shipping name: ETHANOL (ETHYL ALCOHOL)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanole)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 10 of 12



Marine pollutant:	-
Special Provisions:	144, 223
Limited quantity:	1 L
Excepted quantity:	E2
EmS:	F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	UN 1170
14.2. UN proper shipping name:	ETHANOL SOLUTION
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



Special Provisions:	A3 A58 A180
Limited quantity Passenger:	1 L
Passenger LQ:	Y341
Excepted quantity:	E2
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5L
IATA-packing instructions - Cargo:	364
IATA-max. quantity - Cargo:	60L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Warning: Combustible liquid. Refer to section 6-8

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

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: hydrogen peroxide solution %

Entry 40: ethanol, ethyl alcohol

2010/75/EU (VOC): 83 % (651,55 g/l)

Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

Additional information

This substance is hazardous in the sense of regulation (EC) No 1272/2008 (CLP).

Directive 96/82/EC for danger control following severe accidents with dangerous substances: (Seveso II

Directive): Annex I No. 7b

REACH 1907/2006 Appendix XVII, No (mixture): 3

National regulatory information

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 11 of 12

Employment restrictions: Observe restrictions to employment for juvenils 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 this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes**

Rev. 1.00 27.02.2011; Neuerstellung
Rev. 1.01 14.07.2014; Revision 1, 16
Rev. 1.02 25.08.2014; Revision 1, 16
Rev. 1.03 13.04.2018; Revision 1, 16
Rev. 1.1 04.03.2020 Initial release
Rev.1.1 17.04.2020 Revision

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

OSHA: Occupational Safety and Health Administration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOEL: No observed effect level

NOAEL: No observed adverse effect level

LOAEL: Lowest observed adverse effect level

NOAEC: No observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

DNEL: Derived No Effect Level

PNEC: predicted no effect concentration

TSCA: Toxic Substances Control Act

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

NTP: National Toxicology Program

SARA: Superfund Amendments and Reauthorization Act

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

PBT: Persistent bioaccumulative toxic

SVHC: substance of very high concern

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

LL50: Lethal loading, 50%

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WHO disinfectant (Ethanol)

Revision date: 20.04.2020

Product code: 18814.xxxxx

Page 12 of 12

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)
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

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

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. 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 hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)