

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

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

1.1 Product identifier

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

UFI:

2YU0-30J8-4004-J2J8

Notified for: Germany

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

No further relevant information available.

Application of the substance / the mixture

Windscreen cleaner

Antifreeze

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

CLASSIC Schmierstoff GmbH & Co. KG

Lange Straße 100-106

D-27318 HOYA

DEUTSCHLAND

Telephone: +49 (4251) - 8120

products@classic-oil.de

Further information obtainable from: product management

1.4 Emergency telephone number: 24-hour emergency contact number : +1 872 5888271 (CSG)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS08 health hazard

STOT RE 2 H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS08

Signal word Warning

Hazard-determining components of labelling:

Ethanediol

Hazard statements

H226 Flammable liquid and vapour.

H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

Precautionary statements

P102

Keep out of reach of children.

(Contd. on page 2)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C

(Contd. of page 1)

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties

The product contains substances suspected of having endocrine disrupting properties (List II and List III).

CAS: 78-93-3	butanone
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List II

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Aqueous solution of the substances listed below and other ingredients that do not require labelling. Bitrex is added to the mixture.

Dangerous components:

CAS	Substance	Concentration
64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	≥25-<50%
107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28	Ethenediol STOT RE 2, H373; Acute Tox. 4, H302	10-25%
78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	0-≤1%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

Fragrance (CITRAL), colourant

anionic surfactants

<5%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Take affected persons out into the fresh air.
Immediately remove any clothing soiled by the product.

After inhalation:

Take affected persons into fresh air and keep quiet.
Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash with soap and water.
Immediately remove soiled, saturated clothing.
If skin irritation continues, consult a doctor.

After eye contact:

Remove contact lenses.
Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

(Contd. on page 3)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C

(Contd. of page 2)

Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Eye irritation

Nausea

vomit

Hazards Risk of kidney damage.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Extinguishing powder, foam or water spray. Fight larger fires with water spray or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Formation of flammable vapour/air mixtures possible.

Vapours are heavier than air and can travel long distances along the ground/ignite/rebound to the source.

Inhalation of fire fumes can cause serious damage to health.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

If possible, remove stored goods from the fire zone.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Due to the content of organic solvents, keep away from sources of ignition and ventilate the room well.

6.2 Environmental precautions:

The small quantities that are common during handling can be rinsed away with water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation.

Avoid contact with skin, eyes and clothes.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Vapours are heavier than air, they creep along the ground and can recoil over long distances when ignited.

Handling:

Do not eat, drink or smoke at work.

Wash hands before breaks and at the end of work.

(Contd. on page 4)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

(Contd. of page 3)

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility:

Store separately from food, beverages and animal feed.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

Protect from heat and direct sunlight.

Protect from frost.

Storage class: 3

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 107-21-1 Ethanediol

IOELV	Short-term value: 104 mg/m ³ , 40 ppm
	Long-term value: 52 mg/m ³ , 20 ppm
	Skin

CAS: 78-93-3 butanone

IOELV	Short-term value: 900 mg/m ³ , 300 ppm
	Long-term value: 600 mg/m ³ , 200 ppm

DNELs

CAS: 64-17-5 ethanol

Dermal	DNEL, long-term, dermal, systemic	400 mg/kg KG/d (worker)
Inhalative	DNEL, long-term, inhalation, systemic	380 mg/m ³ (worker)
	DNEL, long-term, inhalation, systemic	114 mg/m ³ (Consumer)

CAS: 78-93-3 butanone

Oral	DNEL Long-term Oral (Systemic)	31 mg/kg bw/Tag (Consumer)
Dermal	DNEL, long-term, dermal, systemic	1,161 mg/kg KG/d (worker)
	DNEL, long-term, dermal, systemic	412 mg/kg KG/d (Consumer)
Inhalative	DNEL, long-term, inhalation, systemic	600 mg/m ³ (worker)
	DNEL, acute, inhalation, systemic	450 mg/m ³ (Consumer)
	DNEL, long-term, inhalation, systemic	106 mg/m ³ (Consumer)
	DNEL, acute, inhalation, systemic	900 mg/m ³ (worker)

CAS: 107-21-1 Ethanediol

Dermal	DNEL(long/systemic)	106 mg/kg bw/d (worker)
	DNEL(long/systemic)	53 mg/kg bw/d (Consumer)
Inhalative	long-term, inhalative, local	35 mg/m ³ (worker)
	long-therm, inhalation, local	7 mg/m ³ (Consumer)

PNECs

CAS: 64-17-5 ethanol

Freshwater (intermittent releases)	2.75 mg/L
PNEC fresh water	0.96 mg/l
PNEC (Seawater)	0.79 mg/l
Micro-organisms in sewage treatment plants (STP)	580 mg/l
PNEC (freshwater sediment)	3.6 mg/kg

(Contd. on page 5)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

(Contd. of page 4)

PNEC (Seawater sediment)	2.9 mg/kg
PNEC (ground)	0.63 mg/kg
PNEC orally	380 mg/kg food

Additional information: The safety data sheet of the pre-supplier served as the basis for the creation.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

Respiratory protection:

Not required if used as intended.

If the solvent concentration is above the air limits, a respirator approved for this purpose must be worn.

Filter A.

Hand protection

No special measures required if used properly.

Protective gloves are only required for frequent and/or prolonged skin contact with the product.

To avoid skin problems, wearing gloves should be reduced to the necessary minimum.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Butyl rubber, BR

Viton

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

Chloroprene rubber, CR

Eye/face protection



Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Light blue

Odour:

Citrus

Odour threshold:

Not determined.

Melting point/freezing point:

Undetermined.

(Contd. on page 6)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

(Contd. of page 5)

Boiling point or initial boiling point and boiling range	78 °C (CAS: 64-17-5 ethanol)
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	2.5 Vol % (CAS: 107-21-1 Ethanediol)
Upper:	53 Vol % (CAS: 107-21-1 Ethanediol)
Flash point:	24 °C
Auto-ignition temperature:	>363 °C
Decomposition temperature:	Not determined.
pH at 20 °C	7
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	59 hPa
Vapour pressure at 50 °C:	280 hPa
Density and/or relative density	
Density at 20 °C:	0.93 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Particle characteristics	Does not apply to liquids.

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Solvent content:	
VOC (EC)	55.00 %
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void

(Contd. on page 7)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

(Contd. of page 6)

Desensitised explosives

Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Does not decompose when used for intended uses.

SECTION 11: Toxicological information

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

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

LD/LC50 values relevant for classification:

CAS: 64-17-5 ethanol

Oral	LD50 oral	10470 mg/kg (Rat) (OECD Guideline 401)
Dermal	LD50 dermal	>20,000 mg/kg (rabbit)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	>114 mg/l /1h (Mouse) (OECD 403)
		124.7 mg/l (Rat) (OECD 403)

CAS: 107-21-1 Ethanediol

Oral	LD50 oral	7,712 mg/kg (Rat)
Dermal	LD50 dermal	>3,500 mg/kg (Mouse)

CAS: 78-93-3 butanone

Oral	LD50 oral	2,193 mg/kg (Rat) (OECD Guideline 423)
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Primary irritant effect:

Skin corrosion/irritation Frequent and prolonged skin contact may cause skin irritation.

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

Respiratory or skin sensitisation

Allergic reactions may occur in sensitive persons.

This also applies below the specified exposure limits.

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

May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

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

Additional toxicological information:

CAS: 64-17-5 ethanol

Inhalative	NOAEC (28d)	>7,380 mg/m ³ /ppm (Rat)
	NOAEL	1730 mg/kg(bw)/d /(90d) (Rat)

CAS: 107-21-1 Ethanediol

Oral	NOAEL (90d)	150 mg/kg bw/day (Rat) (OECD 408)
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CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C

Oral	ATE	4015 mg/kg estimated value
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(Contd. on page 8)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

(Contd. of page 7)

11.2 Information on other hazards

Endocrine disrupting properties

CAS: 78-93-3 | butanone

List II

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 64-17-5 ethanol

EC50	275 mg/L /(120h) (algae)
	5,012 mg/L /(48h) (Ceriodaphnia dubia)
EC50	675 mg/l /(96h) (Chlorella vulgaris) (OECD 201)
LC50	14,200 mg/L (Fish)
	15,300 mg/L /(96h) (Pimephales promelas)

CAS: 107-21-1 Ethanediol

EC50	>100 mg/L /(48h) (Daphnia magna) (OECD 202)
	>10,000 mg/L /(16h) (Pseudomonas putida) (DIN 38412, part 8) (statisch)
	6,500–13,000 mg/L (Pseudokirchnerella subcapitata) ((EPA 600/9-78-018)) (96h)
LC50	72,860 mg/L /(96h) (Pimephales promelas)

CAS: 78-93-3 butanone

EC50	>345 mg/L /(48h) (Daphnia magna) (OECD 202)
EC50	1,240 mg/l /(96h) (OECD 201)
LC50	2,973 mg/L /(96h) (Pimephales promelas) (OECD 203)

12.2 Persistence and degradability biodegradable

Other information: No information on the mixture is available.

12.3 Bioaccumulative potential Does not accumulate in organisms

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of waste according to applicable legislation.

The mentioned waste codes are recommendations based on the expected use of the product.

European waste catalogue

07 01 04*	other organic solvents, washing liquids and mother liquors
20 01 29*	detergents containing hazardous substances
HP3	Flammable

(Contd. on page 9)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

(Contd. of page 8)

HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
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Uncleaned packaging:

Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA UN1170

14.2 UN proper shipping name

ADR UN1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

IMDG ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

IATA ETHANOL SOLUTION

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class 3 Flammable liquids.
Label 3

14.4 Packing group

ADR, IMDG, IATA III

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Warning: Flammable liquids.

Hazard identification number (Kemler code): 30

EMS Number: F-E,S-D

Stowage Category A

14.7 Maritime transport in bulk according to

IMO instruments Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category 3

Tunnel restriction code D/E

IMDG

Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

(Contd. on page 10)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: **CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C**

(Contd. of page 9)

UN "Model Regulation":

UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, III

SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS08

Signal word Warning

Hazard-determining components of labelling:

Ethanediol

Hazard statements

H226 Flammable liquid and vapour.

H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

Precautionary statements

P102 Keep out of reach of children.

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

P233 Keep container tightly closed.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

CAS: 78-93-3 | butanone

3

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

CAS: 78-93-3 | butanone

3

(Contd. on page 11)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 21.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.12.2024

Trade name: CLASSIC CARE LINE WINTERSCHEIBENREINIGER -60°C

(Contd. of page 10)

National regulations:

Waterhazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.
(according to AwSV, Germany)

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients are included.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
EUH066 Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008

Flammable liquids	On basis of test data
Specific target organ toxicity (repeated exposure)	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: product management

Date of previous version: 28.11.2024

Version number of previous version: 1.00

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Sources The safety data sheet of the pre-supplier served as the basis for the creation.