Safety Data Sheet

In accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200), Regulation (EC) No 1272/2008 - Classification, Labelling and Packaging of Substances and Mixtures (CLP), and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Cyclophosphamide Injection, 200 mg/mL

Version number: 1.0 Date of compilation: 2025-07-17

SECTION 1: Identification

1.1 Product identifier

Trade name **Cyclophosphamide Injection, 200 mg/mL**

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

Relevant identified uses Cyclophosphamide is an alkylating drug indicated for treatment of malignant diseases

1.3 Details of the supplier of the safety data sheet

Nexus Pharmaceuticals, LLC
400 Knightsbridge Pkwy
Lincolnshire, IL 60069
United States

1.4 Emergency telephone number

Emergency information service

Chemtrec (24 hours): 1-800-424-9300
This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

General Use: Safety Data Sheets are designed to protect the health and safety of people in the workplace by providing information on the hazards of drug products and how they should be safely used, stored, transported, and disposed of.

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

2.2 Label elements

Labeling

Pictograms

GHS02, GHS07, GHS08

Signal word Danger

Hazard statements

H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H319	Causes serious eye irritation
H350	May cause cancer

Precautionary statements

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharge.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/eye protection/face protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.
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.
P308+P313	If exposed or concerned: Get medical advice/attention.
P330	Rinse mouth.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling — Cyclophosphamide monohydrate, Ethanol.

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

Molecular formula — Mixture

3.2 Mixtures

Description of the mixture

Name of substance	CAS No	EC No	Wt%	Classification acc. to GHS
Ethanol	64-17-5	200-578-6	69.82	Eye Irrit. 2 / H319 Flam. Liq. 2 / H225
Cyclophosphamide monohydrate	6055-19-2	629-456-4	22.52	Acute Tox. 3 / H301 Carc. 1A / H350
Polyethylene Glycol 400	25322-68-3	500-038-2	3.83	
Propylene Glycol	57-55-6	200-338-0	3.83	
Monothioglycerol	96-27-5	202-495-0	0.0155	Acute Tox. 4 / H302 Acute Tox. 3 / H311 Acute Tox. 3 / H331 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Skin Sens. 1A / H317 STOT SE 3 / H335

Remarks

For full text of abbreviations: see SECTION 16

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth to an unconscious person.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately carefully and thoroughly with eye shower or water. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. If irritation occurs or persists, notify medical personnel and supervisor.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Do not give anything to drink unless directed by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2).

Unsuitable extinguishing media

Water jet.

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2).

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For nonemergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Cover drains.

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage.

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs. Do not eat, drink or smoke in work areas.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

No information is available for this product.

Relevant DNELs of components

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Ethanol	64-17-5	DNEL	380 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Ethanol	64-17-5	DNEL	400 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Polyethylene Glycol 400	25322-68-3	DNEL	40.2 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Polyethylene Glycol 400	25322-68-3	DNEL	112 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Monothioglycerol	96-27-5	DNEL	0.49 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Monothioglycerol	96-27-5	DNEL	0.14 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Ethanol	64-17-5	PNEC	0.96 mg/l	aquatic organisms	freshwater	short-term (single instance)
Ethanol	64-17-5	PNEC	0.79 mg/l	aquatic organisms	marine water	short-term (single instance)
Ethanol	64-17-5	PNEC	580 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Ethanol	64-17-5	PNEC	3.6 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Ethanol	64-17-5	PNEC	2.9 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Ethanol	64-17-5	PNEC	0.63 mg/kg	terrestrial organisms	soil	short-term (single instance)
Polyethylene Glycol 400	25322-68-3	PNEC	0.273 g/l	aquatic organisms	freshwater	short-term (single instance)
Polyethylene Glycol 400	25322-68-3	PNEC	27.3 mg/l	aquatic organisms	marine water	short-term (single instance)
Polyethylene Glycol 400	25322-68-3	PNEC	1,030 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Polyethylene Glycol 400	25322-68-3	PNEC	103 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Polyethylene Glycol 400	25322-68-3	PNEC	46.4 mg/kg	terrestrial organisms	soil	short-term (single instance)
Monothioglycerol	96-27-5	PNEC	0.006 mg/l	aquatic organisms	freshwater	short-term (single instance)
Monothioglycerol	96-27-5	PNEC	0.001 mg/l	aquatic organisms	marine water	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection. Use safety goggle with side protection.

Skin protection

Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	Liquid
Color	A clear, colorless solution

Odor

Odor	Not determined

Other safety parameters

pH (value)	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Vapor pressure	Not determined
Density	Not determined
Vapor density	Not determined
Solubility(ies)	Not determined
Partition coefficient n-Octanol/water (log KOW)	Not determined
Auto-ignition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidizing properties	Not determined

9.2	**Other information**	There is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

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

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

10.5 Incompatible materials

Oxidizers.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Acute toxicity

Harmful if swallowed.

Acute toxicity estimate (ATE)

oral >414.1 $^{mg}/_{kg}$

Acute toxicity of components

Name of substance	CAS No	Exposure route	Endpoint	Value	Species
Ethanol	64-17-5	oral	LD50	10,470 $^{mg}/_{kg}$	Rat
Ethanol	64-17-5	inhalation: vapor	LC50	124.7 $^{mg}/_{l}$/4h	Rat
Cyclophosphamide monohydrate	6055-19-2	oral	LD50	94 $^{mg}/_{kg}$	Rat
Cyclophosphamide monohydrate	6055-19-2	oral	LD50	350 $^{mg}/_{kg}$	Mouse
Cyclophosphamide monohydrate	6055-19-2	oral	LD50	44 $^{mg}/_{kg}$	Dog
Cyclophosphamide monohydrate	6055-19-2	oral	LDLO female	16 $^{mg}/_{kg}$	Human
Cyclophosphamide monohydrate	6055-19-2	oral	LDLO male	45 $^{mg}/_{kg}$	Human
Polyethylene Glycol 400	25322-68-3	oral	LD50	>2,000 $^{mg}/_{kg}$	Rat
Polyethylene Glycol 400	25322-68-3	dermal	LD50	>2,000 $^{mg}/_{kg}$	Rat
Propylene Glycol	57-55-6	oral	LD50	22,000 $^{mg}/_{kg}$	Rat
Propylene Glycol	57-55-6	dermal	LD50	>2,000 $^{mg}/_{kg}$	Rabbit
Monothioglycerol	96-27-5	oral	LD50	648 $^{mg}/_{kg}$	Rat
Monothioglycerol	96-27-5	inhalation: dust/mist	LC50	>2.04 $^{mg}/_{l}$/1h	Rat

Acute toxicity of components					
Name of substance	**CAS No**	**Exposure route**	**Endpoint**	**Value**	**Species**
Monothioglycerol	96-27-5	dermal	LD50	673 $^{mg}/_{kg}$	Rabbit

Skin corrosion/irritation

No information is available for this product.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

No information is available for this product.

Germ cell mutagenicity

Cyclophosphamide was mutagenic and clastogenic in multiple in vivo and in vitro genetic toxicology studies. Cyclophosphamide was genotoxic in male and female germ cells. Patients exposed to cyclophosphamide have had an increased number of chromosomal aberrations and sister chromatid exchange in peripheral blood lymphocytes.

Carcinogenicity

No information is available for this product. There is sufficient evidence in humans for carcinogenicity from cyclophosphamide.

Reproductive toxicity

No information is available for this product.

Specific target organ toxicity - single exposure

No information is available for this product.

Specific target organ toxicity - repeated exposure

No information is available for this product.

Aspiration hazard

No information is available for this product.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity (chronic) of components of the mixture						
Name of substance	**CAS No**	**EC No**	**Endpoint**	**Value**	**Species**	**Exposure time**
Ethanol	64-17-5	200-578-6	EC50	675 $^{mg}/_{l}$	Green algae	4 d

Aquatic toxicity (acute) of components of the mixture						
Name of substance	**CAS No**	**EC No**	**Endpoint**	**Value**	**Species**	**Exposure time**
Ethanol	64-17-5	200-578-6	LC50	15.3 $^{g}/_{l}$	Fathead minnow (Pimephales promelas)	96 h
Ethanol	64-17-5	200-578-6	EC50	12.9 $^{g}/_{l}$	Fathead minnow (Pimephales promelas)	96 h
Polyethylene Glycol 400	25322-68-3	500-038-2	LC50	>100 $^{mg}/_{l}$	Guppy (Poecilia reticulata)	96 h
Polyethylene Glycol 400	25322-68-3	500-038-2	EC50	>100 $^{mg}/_{l}$	*Daphnia magna*	48 h
Propylene Glycol	57-55-6	200-338-0	LC50	40,613 $^{mg}/_{l}$	Rainbow trout (Oncorhynchus mykiss)	96 h
Propylene Glycol	57-55-6	200-338-0	EC50	34,100 $^{mg}/_{l}$	Algae	48 h

Aquatic toxicity (acute) of components of the mixture						
Name of substance	**CAS No**	**EC No**	**Endpoint**	**Value**	**Species**	**Exposure time**
Monothioglycerol	96-27-5	202-495-0	LC50	35 $^{mg}/_{l}$	Rainbow trout (Oncorhynchus mykiss)	96 h
Monothioglycerol	96-27-5	202-495-0	EC50	11 $^{mg}/_{l}$	*Daphnia magna*	48 h

12.2 Persistence and degradability

Degradability of components of the mixture					
Name of substance	**CAS No**	**EC No**	**Process**	**Degradation rate**	**Time**
Ethanol	64-17-5	200-578-6	oxygen depletion	74 %	5 d
Polyethylene Glycol 400	25322-68-3	500-038-2	oxygen depletion	74.85 %	28 d
Propylene Glycol	57-55-6	200-338-0	oxygen depletion	106.8 %	28 d
Propylene Glycol	57-55-6	200-338-0	carbon dioxide generation	81.7 %	28 d
Propylene Glycol	57-55-6	200-338-0	DOC removal	98.3 %	28 d
Monothioglycerol	96-27-5	202-495-0	oxygen depletion	80.3 %	28 d

Bioaccumulative potential of components of the mixture					
Name of substance	**CAS No**	**EC No**	**BCF**	**Log KOW**	**BOD5/COD**
Ethanol	64-17-5	200-578-6		-0.35 (24 °C)	
Polyethylene Glycol 400	25322-68-3	500-038-2	3.162		
Propylene Glycol	57-55-6	200-338-0		-1.07 (20.5 °C)	
Monothioglycerol	96-27-5	202-495-0		0 (20 °C)	

12.3 Bioaccumulative potential
Data are not available.

12.4 Mobility in soil
Data are not available.

12.5 Results of PBT and vPvB assessment
Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0.1%.

12.6 Endocrine disrupting properties
Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.

12.7 Other adverse effects
Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

DOT	UN 1993
IMDG-Code	UN 1993
ICAO-TI	UN 1993

14.2 UN proper shipping name

DOT	Flammable liquid, n.o.s.
ICAO-TI	Flammable liquid, n.o.s.
Technical name (hazardous ingredients)	Ethanol Cyclophosphamide monohydrate

14.3 Transport hazard class(es)

DOT	3
IMDG-Code	3
ICAO-TI	3

14.4 Packing group

DOT	II
IMDG-Code	II
ICAO-TI	II

14.5 Environmental hazards — Non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Particulars in the shipper's declaration	UN1993, Flammable liquid, n.o.s., (contains: Ethanol, Cyclophosphamide monohydrate), 3, II
Danger label(s)	3

Special provisions (SP)	IB2, T7, TP1, TP8, TP28
ERG No	128

International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant	-
Danger label(s)	3

Special provisions (SP)	274
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 L
EmS	F-E, S-E
Stowage category	B

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Danger label(s)	3

Special provisions (SP)	A3
Excepted quantities (EQ)	E2
Limited quantities (LQ)	1 L

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA) not all ingredients are listed (ACTIVE)

Superfund Amendment and Reauthorization Act (SARA TITLE III)

The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

None of the ingredients are listed.

Specific Toxic Chemical Listings (EPCRA Section 313)

None of the ingredients are listed.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

None of the ingredients are listed.

Clean Air Act

None of the ingredients are listed.

Right to Know Hazardous Substance List

Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Cyclophosphamide monohydrate	6055-19-2		IARC Carcinogens - 1 Prop 65

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

Proposition 65 List of chemicals

Name acc. to inventory	CAS No	Remarks	Type of the toxicity
ethanol (ethyl alcohol)	64-17-5	in alcoholic beverages	developmental
cyclophosphamide	6055-19-2	hydrated	cancer
cyclophosphamide	6055-19-2	hydrated	developmental, female, male

National inventories

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
US	TSCA	not all ingredients are listed

Legend

REACH Reg.	REACH registered substances
TSCA	Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
Acute Tox.	Acute toxicity
BCF	Bioconcentration factor
BOD	Biochemical Oxygen Demand
Carc.	Carcinogenicity
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
COD	Chemical oxygen demand
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
ERG No	Emergency Response Guidebook - Number
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
log KOW	n-Octanol/water
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitization

Abbr.	Descriptions of used abbreviations
STOT SE	Specific target organ toxicity - single exposure
vPvB	Very Persistent and very Bioaccumulative

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H225	Highly flammable liquid and vapor.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H350	May cause cancer.

Disclaimer

Disclaims any express or implied warranty as to the accuracy of the information contained herein and shall not be held liable for any direct, incidental, or consequential damages resulting from reliance on the information.