SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

STAPLES Correction Fluid

Creation date	24. February 2020		
Revision date	07. January 2020	Version	1.4

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

1.1. Product identifier — STAPLES Correction Fluid

Substance / mixture — mixture

Other mixture names — Correction Fluid

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

Mixture's intended use — The product is intended for sale to the consumer and the professional/industrial use.

The use descriptors

PC 9a — Coatings and paints, thinners, paint removers

Mixture uses advised against — not available

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name	Kores Europe s.r.o.
Address	Nivka 336, Strmilov, 378 53 Czech Republic
Identification number (CRN)	48208124
Phone	+420384371621
E-mail	strmilov@kores.cz
Web address	www.kores.cz

Competent person responsible for the safety data sheet

Name	Kores Europe s.r.o.
E-mail	strmilov@kores.cz

1.4. Emergency telephone number

National Health Service (NHS) 111

National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Flam. Liq. 2, H225
STOT SE 3, H336
Aquatic Chronic 2, H411

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Highly flammable liquid and vapour.

Most serious adverse effects on human health and the environment

May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram

Signal word

Danger

Hazardous substances

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Hazard statements

H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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.

P261 Avoid breathing vapours.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P501 Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

Supplemental information

EUH 066 Repeated exposure may cause skin dryness or cracking.

Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger.

2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
EC: 920-750-0 Registration number: 01-2119473851-33-0003	Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes	30-40	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH 066	
CAS: 14807-96-6 EC: 238-877-9	talc (Mg3H2(SiO3)4)	2,5-3,5	not classified as dangerous, H-	1
Index: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2	acetone	≤2,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH 066	1
Index: 601-017-00-1 CAS: 110-82-7 EC: 203-806-2	cyclohexane	<0,8	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	1, 2
Index: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1	1-methoxy-2-propanol	<0,5	Flam. Liq. 3, H226 STOT SE 3, H336	1

Notes

1 Substance for which exposure limits of Community for working environment exist.

2 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water/shower.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

If inhaled

May cause drowsiness or dizziness.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Highly flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale aerosols. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed. Keep cool.

Storage class	3A - Flammable liquids (flash point below 55 °C)
Packaging type	II

The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
acetone (CAS: 67-64-1)	OEL	8 hours	1210 mg/m³		EU limits
	OEL	8 hours	500 ppm		
cyclohexane (CAS: 110-82-7)	OEL	8 hours	700 mg/m³		EU limits
	OEL	8 hours	200 ppm		
1-methoxy-2-propanol (CAS: 107-98-2)	OEL	8 hours	375 mg/m³	skin	EU limits
	OEL	8 hours	100 ppm	skin	
	OEL	Short-term	568 mg/m³	skin	
	OEL	Short-term	150 ppm	skin	

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
talc (Mg3H2(SiO3)4) (CAS: 14807-96-6)	WEL	8 hours	1 mg/m³	Respirable dust	GBR
acetone (CAS: 67-64-1)	WEL	8 hours	1210 mg/m³		GBR
	WEL	1 hour	3620 mg/m³		
	WEL	8 hours	500 ppm		
	WEL	1 hour	1500 ppm		

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
cyclohexane (CAS: 110-82-7)	WEL	8 hours	350 mg/m³		GBR
	WEL	1 hour	1050 mg/m³		
	WEL	8 hours	100 ppm		
	WEL	1 hour	300 ppm		
1-methoxy-2-propanol (CAS: 107-98-2)	WEL	8 hours	375 mg/m³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	1 hour	560 mg/m³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	8 hours	100 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	1 hour	150 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

Slovakia

Substance name (component)	Type	Time of exposure	Value	Note	Source
talc (Mg3H2(SiO3)4) (CAS: 14807-96-6)	NPELr		2 mg/m³		300/2007
	NPELr		10 mg/m³		
	NPELc		10 mg/m³		
acetone (CAS: 67-64-1)	NPEL	8 hours	1210 mg/m³		SVK
	NPEL	8 hours	500 ppm		
cyclohexane (CAS: 110-82-7)	NPEL	8 hours	700 mg/m³		SVK
	NPEL	8 hours	200 ppm		
1-methoxy-2-propanol (CAS: 107-98-2)	NPEL	8 hours	375 mg/m³	means that the factor can be easily absorbed through the skin	SVK
	NPEL	8 hours	100 ppm	means that the factor can be easily absorbed through the skin	
	NPEL	Short-term	568 mg/m³	means that the factor can be easily absorbed through the skin	
	NPEL	Short-term	150 ppm	means that the factor can be easily absorbed through the skin	

DNEL

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	2035 mg/m³	Systemic chronic effects	
Workers	Dermal	773 mg/kg bw/day	Systemic chronic effects	
Consumers	Dermal	699 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	608 mg/m³	Systemic chronic effects	
Consumers	Oral	699 mg/kg bw/day	Systemic chronic effects	

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed). Under regular circumstances it is not necessary.

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly. Under regular circumstances it is not necessary.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment. Under regular circumstances it is not necessary.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2. Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
Physical state	liquid at 20°C
color	white
Odour	after solvents
Odour threshold	data not available
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	90 °C
Flash point	+4 °C
Evaporation rate	data not available
Flammability (solid, gas)	Highly flammable liquid and vapour.
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	
bottom	1 %
upper	6.5 %
Vapour pressure	40 hPa at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	data not available
solubility in fats	data not available

Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Kinematic viscosity	>22 mm^2/s at 40°C
Explosive properties	data not available
Oxidising properties	not available

data not available

9.2. Other information

Density	1.3-1.4 g/cm^3 at 20 °C
ignition temperature	data not available

none

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is highly flammable.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

10.4. Conditions to avoid

Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

1-methoxy-2-propanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50		3739 mg/kg		Rat	
Dermal	LD50		13000 mg/kg		Rabbit	
Inhalation	LC50		31.59 mg/l	4 hour	Rat	
	LD50		>2000 mg/kg bw		Rat	

cyclohexane

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50		5000 mg/kg bw		Rat	
Inhalation	LC50		32.88 mg/l of air	4 hour	Rat	
Dermal	LC50		2000 mg/kg bw	4 hour	Rabbit	

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Inhalation	LD50	OECD 403	>23.3 mg/kg	4 hour	Rat	
Oral	LD50	OECD 401	>5820 mg/kg		Rat	
Dermal	LD50	OECD 402	>2920 mg/kg		Rabbit	

Skin corrosion/irritation
Prolonged or repeated contact with the product causes skin degreasing and drying.

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

Respiratory or skin sensitisation
Based on available data the classification criteria are not met.

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.

Toxicity for specific target organ - single exposure
May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure
Based on available data the classification criteria are not met.

Repeated dose toxicity

cyclohexane

Route of exposure	Parameter	Result	Value	Time of exposure	Species	Sex
Inhalation	NOAEC		6880 mg/m³		Mouse	

Aspiration hazard
Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity
Toxic to aquatic life with long lasting effects.

1-methoxy-2-propanol

Parameter	Value	Time of exposure	Species	Environment
LC50	20.8 g/l	96 hour	Fishes (Pimephales promelas)	
LC50	4600-10000 mg/l	96 hour	Fishes (Leuciscus idus)	
EC50	23300 mg/l	48 hour	Daphnia (Daphnia magna)	
EC50	>1000 mg/l	168 hour	Algae	

cyclohexane

Parameter	Value	Time of exposure	Species	Environment
LC50	4.53 mg/l	96 hour	Fishes	Freshwater

cyclohexane

Parameter	Value	Time of exposure	Species	Environment
EC50	0.9 mg/l	48 hour	Daphnia (Daphnia magna)	Freshwater
EC50	4.425 mg/l	72 hour	Algae and other aquatic plants	Freshwater
NOEC	925 µg/l	72 hour	Algae and other aquatic plants	Salt water
EC50	29 mg/l	15 hour	Microorganisms	

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Parameter	Value	Time of exposure	Species	Environment
EL 50	4.6-10 mg/l	48 hour	Crustaceans (Daphnia magna)	
LL 50	3-10 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EL 50	10-30 mg/l	72 hour	Algae (Selenastrum capricornutum)	
NOELR	10 mg/l	96 hour	Algae (Pseudokirchneriella subcapitata)	
NOEL	3 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
NOELR	0.574 mg/l	28 day	Fishes (Oncorhynchus mykiss)	
NOELR	1 mg/l	21 day	Crustaceans	
EL 50	13 mg/l	4 day	Algae (Pseudokirchneriella subcapitata)	

Chronic toxicity

Hydrocarbons, C7-C9, n-alkanes, cycloalkanes, isoalkanes

Parameter	Value	Time of exposure	Species	Environment
LOEC	0.32 mg/l	21 day	Crustaceans (Daphnia magna)	
NOEC	0.17 mg/l	21 day	Crustaceans (Daphnia magna)	

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

20 01 27 paint, inks, adhesives and resins containing hazardous substances *

Packaging waste type code

15 01 10 packaging containing residues of or contaminated by hazardous substances *

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

---

SECTION 14: Transport information

14.1. UN number

UN 1263

14.2. UN proper shipping name

PAINT

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

II - substances presenting medium danger

14.5. Environmental hazards

Yes

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

Additional information

Hazard identification No.	**33** (Kemler Code)
UN number	**1263**
Classification code	F1
Safety signs	3+hazardous for the environment

Air transport - ICAO/IATA

Packaging instructions passenger	353
Cargo packaging instructions	364

Marine transport - IMDG

EmS (emergency plan)	F-E, S-E
MFAG	310
Marine Pollutant	Yes

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

cyclohexane

Restriction	Conditions of restriction
57	1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of neoprene-based contact adhesives in concentrations equal to or greater than 0,1 % by weight in package sizes greater than 350 g. 2. Neoprene-based contact adhesives containing cyclohexane and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010. 3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that neoprene-based contact adhesives containing cyclohexane in concentrations equal to or greater than 0,1 % by weight that are placed on the market for supply to the general public after 27 December 2010 are visibly, legibly and indelibly marked as follows: "— This product is not to be used under conditions of poor ventilation. — This product is not to be used for carpet laying.".

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.
P273	Avoid release to the environment.
P233	Keep container tightly closed.
P261	Avoid breathing vapours.

A list of additional standard phrases used in the safety data sheet

EUH 066	Repeated exposure may cause skin dryness or cracking.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC50	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
NPEL	The highest acceptable exposure limit
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment
Asp. Tox.	Aspiration hazard
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

1.1 - 9.3.2018 - Flash point value correction (section 9)
1.2 - 24.9.2018 - Formal repairs according to EC 1272/2008 CLP, Ex. 185/2001 Coll. on Waste and Government Order 361/2007 Coll. on occupational safety and personal protective equipment.
1.3 - 10.5.2019 - Addition of Cyclohexane (substance with occupational exposure limit) to Sections 3, 8, 11, 12 and 15.
1.4 - 7.1.2020 - Introduction to SBLCore

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.
