

SAFETY DATA SHEET

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



SP010P01

Creation date	01.September 2011	Version	1.06
Revision date	25.June 2018		

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

- 1.1. **Product identifier**
Substance / mixture SP010P01 mixture
- 1.2. **Relevant identified uses of the substance or mixture and uses advised against**
mixture's intended use Cleaning agent.
Disapproved uses of mixture The product should not be used in ways other than those referred in Section 1.
- 1.3. **Details of the supplier of the safety data sheet**
Manufacturer
Name or trade name ICOR Ltd
Address Unit14 Such Close
Letchworth Herts SG61JF
VAT Reg No 859267475
Phone +44 (0) 1462 452190
E-mail sales@icor.uk
Web address www.icor.uk
Competent person responsible for the safety data sheet
Name ICOR UK
E-mail simon@icor.uk
- 1.4. **Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

- 2.1. **Substance or mixture classification**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Flam. Liq. 2, H225
Asp. Tox. 1, H304
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H336
Repr. 2, H361f
STOT RE 2, H373
Aquatic Chronic 3, H412

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

Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Causes skin irritation. Suspected of damaging fertility. Harmful to aquatic life with long lasting effects.

- 2.2. **Label elements**
Hazard pictogram



Signal word
Danger

SAFETY DATA SHEET

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



SP010P01

Creation date	01.September 2011	Version	1.05
Revision date	25.June 2018		

Hazardous substances

isopropanol
n-hexane

Hazard statements H225

H304 H315 H319 H336 Highly flammable liquid and vapour.
H361f H373 H412 May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of damaging fertility.
May cause damage to organs through prolonged or repeated exposure.
Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 P273 P280 Avoid breathing dust/fume/gas/mist/vapours/spray.
P301+P310 Avoid release to the environment.
P302+P352 Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 IF SWALLOWED: Immediately call a doctor.
P305+P351+P338 IF ON SKIN: Wash with plenty of water and soap.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
P312 Call a doctor if you feel unwell.
P331 Do NOT induce vomiting.

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.
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25	isopropanol	30-40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Index: 601-037-00-0 CAS: 110-54-3 EC: 203-777-6	n-hexane	10-50	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Repr. 2, H361f STOT RE 2, H373 Aquatic Chronic 2, H411 Specific concentration limit: STOT RE 2, H373: C ≥ 5 %	1

SAFETY DATA SHEET

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



SP010P01

Creation date		01.September 2011			
Revision date		25.June 2018		Version 1.05	
Identification numbers	Substance name		Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 601-017-00-1 CAS: 110-82-7 EC: 203-806-2	cyclohexane		<2,5	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

Notes

1 Substance for which exposure limit 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 this 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.

Inhalation

Terminate the exposure immediately; move the affected person to fresh air. Take care of your own safety, do not let the affected person walk! Beware of the contaminated clothes. Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

Skin contact

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.

Eye contact

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. Provide medical treatment, specialized if possible.

Ingestion

DO NOT INDUCE VOMITING! If the affected person vomits, make sure to prevent inhalation of the vomit (as there is a danger of lung damage after inhalation of these liquids in the airways also in infinitesimal amount). Ensure medical treatment considering the frequent need of further observation for at least 24 hours. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.

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

Inhalation

Cough, headache. May cause drowsiness or dizziness.

Skin contact

Causes skin irritation.

Eye contact

Causes serious eye irritation.

Ingestion

Irritation, nausea.

Indication of any immediate medical attention and special treatment needed

- 4.3. Symptomatic treatment.

SAFETY DATA SHEET

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



SP010P01

Creation date	01.September 2011	Version	1.05
Revision date	25.June 2018		

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. Prevent contact with skin and eyes.
- 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. Prevent contact with skin and eyes. No smoking. Use only non-sparking tools. Obtain special instructions before use. Wash hands and exposed parts of the body thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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.
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.

SAFETY DATA SHEET

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



SP010P01

Creation date 01.September 2011
Revision date 25.June 2018 Version 1.05

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
n-hexane (CAS: 110-54-3)	OEL	8 hours	72 mg/m ³		EU limits
	OEL	8 hours	20 ppm		
cyclohexane (CAS: 110-82-7)	OEL	8 hours	700 mg/m ³		EU limits
	OEL	8 hours	200 ppm		

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
isopropanol (CAS: 67-63-0)	WEL	8 hours	999 mg/m ³		GBR
	WEL	15 minutes	1250 mg/m ³		
	WEL	8 hours	400 ppm		
	WEL	15 minutes	500 ppm		
	WEL	8 hours	72 mg/m ³ 20 ppm		
n-hexane (CAS: 110-54-3)	WEL	8 hours	350 mg/m ³		GBR
	WEL	15 minutes	1050 mg/m ³		
cyclohexane (CAS: 110-82-7)	WEL	8 hours	100 ppm		GBR
	WEL	15 minutes	300 ppm		

- 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.

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

Mask with a filter against organic vapours in a poorly ventilated environment. **Thermal hazard**

Notavailable.

Environmental exposure controls

Observeusualmeasuresforprotectionoftheenvironment,seeSection6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

color

Odour

Odour threshold

pH

Melting point/freezing point

Initial boiling point and boiling range

Flash point

Evaporation rate

Flammability (solid, gas)

Upper/lower flammability or explosive limits

liquid liquid at 20°C yellow data not available data not available data not available data not available data not available Highly flammable liquid and vapour.

SAFETY DATA SHEET

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



SP010P01

Creation date	01.September 2011	Version data	not	1.05
Revision date	25.June 2018			
flammability limits		available		
explosive limits		data not available		
Vapour pressure		data not available		
Vapour density		data not available		
Relative density		data not available		
Solubility(ies)				
solubility in water		not available	not	
solubility in fats		available	data not	
Partition coefficient: n-octanol/water		available	data not	
Auto-ignition temperature		available	data not	
Decomposition temperature		available	data not	
Viscosity		available	data not	
Explosive properties		available	data not	
Oxidising properties		available		
9.2. Other information				
Density		data not available		
ignition temperature		data not available		

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. 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.

cyclohexane

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	12000 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	>18000 mg/kg		Rabbit	

isopropanol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	r LD ₅₀	5000 mg/kg		Rat	
Dermal	LD ₅₀	12800 mg/kg		Rabbit	

SAFETY DATA SHEET

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



SP010P01

Creation date 01.September 2011
Revision date 25.June 2018 Version 1.05

n-hexane

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	28700 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	3295 mg/kg		Rabbit	

Skin corrosion/irritation

Causes skin irritation.

isopropanol Route

of exposure	Result	Time of exposure	Species	Source	10
Eye	Slightly irritating		Rabbit	100 milligrams	
Eye	Highly irritating		Rabbit	100 milligrams	
Skin	Slightly irritating		Rabbit	500 milligrams	

Serious eye damage/irritation

Causes serious eye irritation.

isopropanol

Route of exposure	Result	Time of exposure	Species	Determining method	Source
Eye	Slightly irritating	24 hour	Rabbit	Nominal concentration	100 milligrams

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

Suspected of damaging fertility.

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways. 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.

SECTION 12: Ecological information

12.1. Toxicity

SAFETY DATA SHEET

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



SP010P01

Creation date 01.September 2011
Revision date 25.June 2018 Version 1.05

Acute toxicity

Harmful to aquatic life with long lasting effects.

isopropano

I	Value	Time of exposure	Species	Environment
Parameter	1400000 µg/l	96 hour	Fishes	
LC ₅₀	1400000-1950000 µg/l	48 hour	Crustaceans	Salt water

n-hexane

Parameter	Value	Time of exposure	Species	Environment
LC ₅₀	3900 mg/ml	48 hour	Invertebrates (Daphnia magna)	
NOEL	30000 mg/ml	72 hour	Algae and other aquatic plants (Pseudokirchneriella subcapitata)	
LC ₅₀	>1000 µg/l	48 hour	Fishes	

12.2. Persistence and degradability

Not available.

12.3. Bioaccumulative potential

isopropanol

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	0.05				

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.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Decree No. 383/2001 Coll., on details regarding waste handling as amended. Decree No. 93/2016 Coll., (waste catalogue) as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

- 14.1. **UN number**
UN1993
- 14.2. **UN proper shipping name**
FLAMMABLE LIQUID, N.O.S.

SAFETY DATA SHEET

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



SP010P01

Creation date	01.September 2011	Version	1.05
Revision date	25.June 2018		

- 14.3. Transport hazard class(es)
3 Flammable liquids
- 14.4. Packing group
III - substances presenting low danger
- 14.5. Environmental hazards
not available
- 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. 30 (Kemler Code)
UN number 1993
Classification code F1
Safety signs 3



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. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act). Decree No. 432/2003 Coll., laying down conditions for assigning categories to individual jobs, limit values of indices from biological exposure tests, conditions for the sampling of biological materials for biological exposure and the particulars of the reports on work with asbestos and biological agents as amended.
Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

cyclohexane

Restriction	Conditions of restriction
57	<p>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.</p> <p>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.</p> <p>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:</p> <p>— This product is not to be used under conditions of poor ventilation. — This product is not to be used for carpet laying.”.</p>

- 15.2. Chemical safety assessment
not available

SAFETY DATA SHEET

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



SP010P01

Creation date	01.September 2011	Version	1.05
Revision date	25.June 2018		

SECTION 16: Other information

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

H225	Highly 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.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
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.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P301+P310	IF SWALLOWED: Immediately call a doctor.
P331	Do NOT induce vomiting.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P273	Avoid release to the environment.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a doctor if you feel unwell.

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
EC ₅₀	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
IC ₅₀	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
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population Lethal dose of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lowest observed adverse effect concentration Lowest observed adverse effect level
LOAEC	
LOAEL	

ICOR automatically perfect

SP010P01

Creation date	01.September 2011		
Revision date	25.June 2018	Version	1.05

log K _{ow}	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
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 Aquatic Hazardous to the Environment Harm. Inc. Repl. Hazardous. STOT RE STOT SE

Training guidelines to the aquatic environment Aspiration hazard Eye

Inform the personnel about the Formulated Liquid Reproductive toxicity protective equipment, first aid and prohibited

ways of handling the product. Recommended restrictions of use -

not available	repeated exposure	Specific target organ toxicity -
---------------	-------------------	----------------------------------

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. The Act No.

350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. First aid principles after the

exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Danie

Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc.,
PhDr. Jiří Štichančík, PhDr. Petr Štěpán, PhDr. Jitka Štěpánová, PhDr. Jan Štěpán, PhDr. Jaroslav Štěpán,
PhDr. Vladimír Štěpán, PhDr. Věra Štěpánová, PhDr. Zdeněk Štěpán, PhDr. Zdeněk Štěpán, PhDr. Zdeněk Štěpán,

Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

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.