

Safety data sheet
according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

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

· **1.1 Product identifier**

· **Trade name:** **COLOUR**

· **Other names:** Stain Solution (Coomassie® Blue)

· **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:** Preparation for in vitro diagnostic use.

· **Uses advised against:** No information available at present.

· **1.3 Details of the supplier of the safety data sheet**

· **Supplier:**

TestLine Clinical Diagnostics s.r.o.

Production of diagnostic sets for human, veterinary, inorganic and organic laboratories.

Business Address: Křižikova 68, 612 00 Brno, Czech Republic

Company Identification Number: 479 13 240

Phone/Fax: +420 541 243 390

E-mail: mansfeld@testlinecd.com / Web: www.testlinecd.com

· **Further information obtainable from:** Ing. Karel Královec, Studio2K, E-mail: bl@studio2k.cz

· **1.4 Emergency telephone number**

Phone: +420 224 919 293 or +420 224 915 402; E-mail: tis@vfn.cz

Toxicology Information Centre in Prague (TIS), Na Bojišti 1, 120 00 Prague 2

Permanent medical information service for cases of acute poisoning of humans and animals.

National helpdesks contact details - <http://echa.europa.eu/cs/support/helpdesks/national-helpdesks/list-of-national-helpdesks>.

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

The product is classified as dangerous in the terms of the Regulation (EC) No 1272/2008 (CLP).

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

· **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

GHS07

· **Signal word:** Danger

· **Hazard-determining components of labelling:** Void.

· **Hazard statements:**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· **Precautionary statements:**

P210 Keep away from sparks/open flames/hot surfaces. No smoking.

P280 Wear protective gloves/protective clothing/eye protection.

P233 Keep container tightly closed.

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P405 Store locked up.

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

· **Additional information:**

For the product in the packaging < 125 ml, it is possible to use Art. 29 - Exceptions from the requirements on packaging marking, par. 1. The marking elements may be provided in some of these manners: in folding labels; or on suspended tags; or on the external packaging. On the label of every internal packaging, at least the hazard pictograms, the product identifier (business name or designation and the list of hazardous substances pursuant to criteria of Art. 18) and the name and telephone number of the product's supplier must be stated.

(Contd. on page 2)

Safety data sheet

according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 1)

For the product in the packaging < 125 ml, it is possible to use Art. 29 - Exceptions from the requirements on packaging marking, par. 2. From the marking elements required in Article 17, it is possible to omit the hazard statements and precautionary statements, because the product's classification meets the criteria determined in Article 1.5.2.1.1. of Appendix I of the CLP ordinance.

Restricted to professional users.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

The mixture does not contain substances classified as of the date of preparation of the safety data sheet as PBT pursuant to Regulation (EC) No 1907/2006 (REACH).

vPvB:

The mixture does not contain substances classified as of the date of preparation of the safety data sheet as vPvB pursuant to Regulation (EC) No 1907/2006 (REACH).

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol	⚠ Flam. Liq. 2, H225	46.7%
CAS: 64-19-7 EINECS: 200-580-7 Index number: 607-002-00-6 Reg.nr.: 01-2119475328-30-XXXX	acetic acid	⚠ Flam. Liq. 3, H226; ⚠ Skin Corr. 1A, H314	11.4%

Non dangerous components:

CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	< 42.2%
-------------------------------------	-----------------------------------------------------	---------

SVHC:

The product does not contain substances classified as of the date of preparation of the safety data sheet as PBT or vPvB and stated in the Candidate list of substances producing very high concerns for Appendix XIV of Regulation (EC) No 1907/2006 (REACH).

Regulation (EC) No 648/2004 on detergents / Labelling for contents: Not apply.

Additional information:

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1/3.2 of the Regulation (EC) No. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of doubt, appearance of symptoms or upon any problems, seek medical help and present this safety data sheet or the product label.

Immediately remove any clothing soiled by the product.

After inhalation:

Remove person from danger area.

Take care of fresh air supply and seek medical assistance upon subsequent or lasting problems.

If the person is unconscious, place in a stable side position and consult a physician.

After skin contact:

Wash the affected skin with water and soap and rinse thoroughly. Upon skin irritation or other problems, consult further procedure with an expert physician.

After eye contact:

Open the eye lids, possibly remove contact lenses, and rinse the affected eyes thoroughly with clean flowing water for a period of several minutes. Seek medical assistance immediately.

After swallowing:

Thoroughly rinse the mouth with water, have the affected person drink plenty of water and do not induce vomiting. Seek medical assistance immediately.

4.2 Most important symptoms and effects, both acute and delayed

Possible toxicological effects resulting from the classification are stated in Section 11.

No further relevant information is available.

4.3 Indication of any immediate medical attention and special treatment needed

In case of ingestion or affecting of eyes, seek medical help immediately.

GB

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 2)

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:**
Alcohol resistant foam, carbon dioxide CO₂, water spray or water mist, extinguishing powder.
Use fire extinguishing methods suitable to surrounding conditions.
 - **For safety reasons unsuitable extinguishing agents:** Water with full jet.
- **5.2 Special hazards arising from the substance or mixture**
Formation of irritating, toxic and harmful fumes of burning is possible in case of fire.
Inhalation of hazardous decomposition products of burning may result in damaged health.
- **5.3 Advice for firefighters**
 - **Protective equipment:**
Do not inhale explosion gases or combustion gases.
According to size of fire.
Corresponding protective insulation breathing apparatus and overpressure counter-chemical protective clothing.
 - **Additional information:**
Cool with water the products in enclosed packaging, which is near the fire. If possible, remove the products in un-damaged packaging from the danger area. Store the contaminated extinguishing water separately and do not let it into the sewerage. Remove the extinguishing water or used extinguishing materials together with the remnants of the fire according to the corresponding regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Remove possible causes of ignition - do not smoke.
Avoid inhalation.
Prevent contact of the product with eyes, skin, and clothing, use personal protective equipment.
Prevent entry of unauthorised persons.
- **6.2 Environmental precautions**
No special measures required.
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) and place into suitable and marked vessels.
Possibly wipe the leaked product with a paper towel and place it into a waste vessel.
Thoroughly wash the affected spot and the tools used with a suitable detergent, it is possible to use a larger quantity of water.
Dispose contaminated material as waste according to item 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**
Before use, it is necessary to familiarize oneself with the contents of Sections 2, 6, 8, and 11 of the safety data sheet.
Prevent contact of the product with the skin and eyes, use personal protective means.
Avoid inhalation.
Ensure good ventilation.
Use working methods according to operating instructions.
General hygiene measures for the handling of chemicals are applicable.
Before a pause and after ending the work, wash the hands and take off the polluted working clothes. Keep these clothes separately.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.
Do not eat, drink, smoke, or snuff during use.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Possibly perform measures for protection against electrostatic discharge.
- **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage**
 - **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in unopened original receptacles.
 - **Information about storage in one common storage facility:**
Do not store together with strong oxidizing agents, acids and toxic metals.
Keep away from food, drink and animal feedingstuffs.

(Contd. on page 4)

Safety data sheet
according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 3)

- **Further information about storage conditions:**
Store in a dry and well ventilated place.
Keep containers tightly sealed.
Protect from heat and direct sunlight.
Adhere to regulations and directives for flammable liquid storage.
Protect from frost.

- **Recommended storage temperature:** +2 °C to +8 °C.

· **7.3 Specific end use(s)**

The product is intended only for professional use.
Specific use is stated in the manual for use on the product packaging label or in the product documentation.

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:**

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under WEL or IOEL values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

64-17-5 ethanol	
WEL (Great Britain)	Long-term value: 1920 mg/m ³ , 1000 ppm
64-19-7 acetic acid	
IOELV (EU)	Long-term value: 25 mg/m ³ , 10 ppm

- **DNELs:** No values available.
- **PNECs:** No values available.
- **Ingredients with biological limit values:** No values available.
- **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not inhale gases/fumes/aerosols.

· **Respiratory protection:**

Unnecessary during regular use.



In case of insufficient ventilation and exceeding of permitted exposure limits use a suitable breathing mask with a filter (EN 14387).

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves (EN 374).

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Preventive skin protection by use of skin-protecting agents is recommended.

· **Material of gloves:**

Not determined.

For example protective surgical gloves.

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.

· **Penetration time of glove material:**

Not determined.

No tests have been performed, glove resistance must be tested before use.

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

(Contd. on page 5)

Safety data sheet
according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 4)

· **Eye protection:**



Tightly sealed goggles (EN 166).

· **Body protection:**

As needed, use the working protective clothes with long sleeves, possibly overalls, and protective working footwear.

· **Thermal hazards:** Not apply.

· **Limitation and supervision of exposure into the environment:**

Adhere to usual measures for environmental protection, see Section 6.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance**

Form: Fluid.
Colour: Blue.

· **Odour:** Pungent, vinegar.
· **Odour threshold:** Not determined.

· **pH-value:** 3.1

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** Not determined.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits**

Lower: Not determined.
Upper: Not determined.

· **Oxidising properties** No.

· **Vapour pressure:** Not determined.

· **Density at 20 °C:** 0.9107 g/cm³

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:** Miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity**

Dynamic: Not determined.
Kinematic: Not determined.

· **Solvent content:**

VOC (2010/75/EC): Not determined.

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity:** Upon adhering to the determined regulations of storage and use, no reactivity is expected (see Section 7).

· **10.2 Chemical stability:**

Upon adhering to the determined regulations of storage and use, the product is stable (see Section 7).

· **10.3 Possibility of hazardous reactions:** The product does not polymerise.

· **10.4 Conditions to avoid:**

Prevent contact with incompatible materials.
Protect against heating, open flames, and ignition sources.
Protect against frost.

(Contd. on page 6)

Safety data sheet

according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 5)

- **10.5 Incompatible materials:** Strong oxidizing agents.
- **10.6 Hazardous decomposition products:**
Carbon monoxide (CO).
Nitrogen oxides (NO_x).
Sulphur oxides (SO_x).
Sodium compounds.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity**

· **LD/LC50 values relevant for classification:**

64-17-5 ethanol

Oral	LD50	7060 mg/kg (rat) value for ethanol
Inhalative	LC50/10 h	20000 ppm (rat) value for gas and vapour

64-19-7 acetic acid

Oral	LD50	3310 mg/kg (rat)
Dermal	LD50	1060 mg/kg (rabbit)
Inhalative	LC50/4 h	0.04 mg/m3 (rat)

- **Primary irritant effect**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **By inhalation:** Based on available data, the classification criteria are not met.
- **By ingestion:** Irritating to mucous membranes.
- **Additional toxicological information:** No relevant information is available.
- **Acute effects (acute toxicity, irritation and corrosivity):**
Serious eye irritation, Eye Irrit. category 2, pursuant to Regulation (EC) No 1272/2008 (CLP).
Skin irritation - Skin Irrit. category 2, pursuant to Regulation (EC) No 1272/2008 (CLP).
- **Sensitisation:** Based on the available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** No effects are known.
- **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**
Based on available data, the classification criteria are not met.
- **Aspiration hazard**
Based on available data, the classification criteria are not met.
- **Other information:** No further information is available.

SECTION 12: Ecological information

- **12.1 Toxicity**

· **Aquatic toxicity:**

64-17-5 ethanol

EC50/48 h	12900 mg/l (daphnia) anhydrous ethanol
IC50/72 h	5000 mg/l (algae) anhydrous ethanol
LC50/96 h	8140 mg/l (fish) anhydrous ethanol

64-19-7 acetic acid

EC10/30 min	1000 mg/l (bacteria) Pseudomonas putida
LC50/24 h	95 mg/l (daphnia) Daphnia magna
LC50/96 h	75 mg/l (fish) Lepomis macrochirus

- **12.2 Persistence and degradability**

The decomposability of individual mixture components:

- Ethanol: 94 % according to regulation OECD 301 E (Ready Biodegradability - Modified OECD Screening Test),
- Acetic acid (90 - 100%): 95 %/5 days.

(Contd. on page 7)

Safety data sheet

according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 6)

- **Behaviour in waste water treatment plants:** No relevant information is available.
- **12.3 Bioaccumulative potential**
 Ethanol: log Pow = -0.32; BCF = 0.66 - 3.2.
 Acetic acid (90 - 100%): log Pow = -0.31.
 Bioaccumulation potential evaluation: log Pow <1 - bioaccumulation is unexpected, log Pow = 1-3 - significant bioaccumulation is unexpected, log Pow >3 - bioaccumulation is possible.
- **12.4 Mobility in soil** Henry's constant for ethanol: H = 0.000138 atm.m³/mol.
- **Additional ecological information**
- **COD-value:** Ethanol: COD = 1.9 g/g.
- **BOD5-value:** Ethanol: BOD5 = 1.0 g/g.
- **Remark:** Ethanol: ThOD = 2.1 g/g.
- **AOX-indication:** No relevant information is available.
- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:**
 The mixture does not contain substances classified as of the date of preparation of the safety data sheet as the PBT pursuant to Regulation (EC) No 1907/2006 (REACH).
- **vPvB:**
 The mixture does not contain substances classified as of the date of preparation of the safety data sheet as the vPvB pursuant to Regulation (EC) No 1907/2006 (REACH).
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - **Recommendation:**
 Must not be disposed together with household waste. Do not allow product to reach sewage system.
 Remove product residues according to the corresponding local directives in the adequate equipment as hazardous waste.
 E.g. put away at suitable waste dumps or remove in suitable waste incineration plants.
 Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.
 - **European waste catalogue:**
 The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC).
 The catalogue numbers with the asterisk (*) mark hazardous waste (N), numbers without the asterisk mark other waste (O).
- | | |
|-----------|--------------------------------------------------------------------------|
| 18 02 05* | chemicals consisting of or containing dangerous substances |
| 15 01 10* | packaging containing residues of or contaminated by dangerous substances |
| 15 01 02 | plastic packaging |
- **Uncleaned packaging**
 - **Recommendation:**
 Dispose of packaging according to regulations on the disposal of packagings.
 Non contaminated packagings may be reused.
 Dispose of packaging that cannot be cleaned in the same manner as the mixture.
 Empty container completely. Dispose of hazardous waste pursuant to corresponding local directives in adequate equipment.
 Put other waste away according to the material type into collection vessels for sorted waste.
 - **Regulations:**
 Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, as amended.

SECTION 14: Transport information

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class: | Void |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | Void |

(Contd. on page 8)

Safety data sheet

according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 7)

· 14.5 Environmental hazards	
· Marine pollutant:	No
· 14.6 Special precautions for user	Unless specified otherwise, general measures for safe transport must be followed. Persons employed in transporting dangerous goods must be trained. All persons involved in transporting must observe safety regulations.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Non-dangerous material according to Transport Regulations.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Tactile warning of danger:** Not applicable, the product is not designated for selling to consumers (public).
- **Child-resistant fastening:** Not applicable.
- **Legal regulations of the European Community:**
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 16 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.
COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.
Council Directive 96/82/EC of 9 December 1996 on the control of major-accident hazards involving dangerous substances, as amended.
- **Legal regulations of the Czech Republic:**
Law No 350/2011 Coll., about chemical substances and chemical preparations and about a change of some laws.
Law No 59/2006 Coll., about the prevention of severe accidents, as amended.
Governmental Regulation No 361/2007 Coll., by which the conditions of employee health protection during work are determined.
Law No 258/2000 Coll., about public health protection and about a change of some related laws, as amended.
Law No 20/1966 Coll., about the health care of the people, as amended.
Law No 201/2012 Coll., about atmosphere protection, as amended.
Decree No 355/2002 Coll., by which the emission limits and further conditions of operating of other stationary sources of atmosphere pollution emitting volatile organic substances from processes applying organic solvents and from storage and distribution of petrol are determined.
The full wording of Law No 254/2001 Coll. about waters and about a change of some laws (Water Law), announced in the Collection of Laws under No 273/2010.
Decree No 402/2011 Coll., on the evaluation of the hazardous properties of substances and chemical mixtures and packaging and labelling of dangerous chemical mixtures.
Law No 477/2001 Coll., about packaging and about a change of some laws (Packaging Law), as amended.
- **15.2 Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Warning:**
The safety data sheet contains data needed for securing safety and health protection during work and environmental protection. The stated data correspond to the current state of knowledge and experience and is in accordance with valid legal regulations. It cannot be deemed as a guarantee of the properties, suitability, and usefulness of the product for specific application and therefore no contractual legal relationships are hereby created.
The safety data sheet is the property of the physical or legal entity stated in Section 1 and is protected by copy-right. All copying, distribution or sales without the consent of the owner is forbidden.
- **Relevant phrases:**
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.

(Contd. on page 9)

GB

Safety data sheet

according to Regulation (EC) No 1907/2006, (EU) No 453/2010

Printing date: 27.07.2015

Version number: 2

Revision: 27.07.2015

(Contd. of page 8)

· Training hints:

Pursuant to article No 35 of the European Parliament and Council Regulation (ES) No 1907/2006, the employer must allow employees or their representatives access to information from the safety data sheet of the substance or preparation, which the employees use or to the effects of which they may be exposed during their work.

Physical entities performed individual activities within the scope of handling of this hazardous product are trained and regularly, at least once a year, retrained.

Product information sources: safety data sheet, product or technical information, safety instructions, and other expert documents for the product, issued by the supplier.

· Recommended restriction of use:

The product is to be used only for the purpose, for which it is designed. It is up to the user's responsibility to adhere to the product usage conditions and to respect the safety instructions for health and environmental protection.

The product is designed only for professional purposes. It must not be used in households. The product can only be handled by a person older than 18 years, who is sufficiently informed about the work procedures, hazardous properties of the product, and also about the necessary safety measures.

· Further information: This product must be stored, sold, and used in accordance with valid hygienic regulations.

· Classification according to Regulation (EC) No 1272/2008

Classification of the mixture was performed according to the methods given in Annex I to Regulation (EC) No 1272/2008 (CLP).

· Department issuing SDS: Studio2K, Ing. Karel Královec, Phone: +420 354 526 677, E-mail: info@studio2k.cz

· First issue of SDS: 26/02/2014

· Internal code formula: 811.001

· Documents used to prepare SDS:

The original documents provided by the supplier or manufacturer related to the product (mixture), eventually to individual substances contained.

· Abbreviations and acronyms:

ADR: Accord européen sur le transport 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, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

· Sources:

The safety data sheet was prepared in accordance with the European Parliament and Council Regulation (EC) No 1272/2008 (CLP) and according to the requirements of the European Parliament and Council Regulation (EC) No 1907/2006 about the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency - head IV, article 31, appendix II (instructions for safety data sheet compiling), as amended by the Commission Regulation (EU) No. 453/2010 dated 20 May 2010.

The classification of the mixture was performed pursuant to the European Parliament and Council Regulation (EC) No 1272/2008 (CLP). The data provided by the manufacturers or importers of individual mixture components stated in their safety data sheets served as the basis.

The missing ecotoxicology and toxicology data was obtained from the ESIS (European chemical Substances Information System), specifically from the IUCLID (International Uniform Chemical Information Database). As needed, data from further available chemical databases was used.

· Safety data sheet revision:

Safety data sheet revision because of the addition of certain data or information.

Change of chapters: 1, 2, 3, 8, 11, 16.

This release of the safety data sheet is its 1 revision and replaces the safety data sheet published on: 08/05/2014.

· * Data compared to the previous version altered.

· © Studio2K & DR SoftWare ChemGes