

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier: XM003****Trade name: Cleaner - solvent based SLOW****1.2 Relevant identified uses of the substance or mixture and uses advised against** Identified uses: professional use.

Application of the substance / the mixture Degreasing agent

**1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: ReCorp s.r.o.**Jána Hollého 699/55  
Michalovce 071 01  
ICO: 47 503 181  
Tel.: +421 907 319 730

Further information obtainable from: info@trixxal.com

**1.4 Emergency telephone number:**Národné toxikologické a informačné centrum  
FNsP Akadémia L. Déreza  
Limbová 5, SK – 833 05 Bratislava  
+ 421 254 774 166 (24 hours per day)  
Fax: + 421 254 774 605**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS02

Flam. Liq. 3      H226 Flammable liquid and vapour.



GHS08

Asp. Tox. 1      H304 May be fatal if swallowed and enters airways.



GHS07

STOT SE 3      H336 May cause drowsiness or dizziness.

Aquatic Chronic 3      H412 Harmful to aquatic life with long lasting effects.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R65:      Harmful: may cause lung damage if swallowed.

R10-52/53-66-67:      Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**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



GHS08

Signal word **Danger**

(Contd. on page 2)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 12.02.2015

V- 1

Revision: 28.01.2015

**Trade name: CCleaner - solvent based SLOW**

(Contd. of page 1)

**Hazard-determining components of labelling:**

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics

**Hazard statements**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H412 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 Avoid breathing mist/vapours/spray.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

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

**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.

<b>Dangerous components:</b>		
EC number: 927-241-2 Reg.nr.: 01-2119471843-32	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics ☒ Xn R65 R10-52/53-66-67 ----- ☠ Flam. Liq. 3, H226; ☠ Asp. Tox. 1, H304; ☠ STOT SE 3, H336; Aquatic Chronic 3, H412	50-100%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	hydrocarbons, C9, aromatics ☒ Xn R65; ☒ Xi R37; ☠ N R51/53 R10-66-67 ----- ☠ Flam. Liq. 3, H226; ☠ Asp. Tox. 1, H304; ☠ Aquatic Chronic 2, H411; ☠ STOT SE 3, H335-H336	2.5-10%
EC number: 905-562-9 Reg.nr.: 01-2119555267-33	reaction mass of ethylbenzene and m-xylene and p-xylene ☒ Xn R20/21; ☒ Xi R38 ----- ☠ Flam. Liq. 3, H226; ☠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	2.5-10%

**Additional information:** 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:**

Immediately remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Take affected persons out of danger area and lay down.

**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** Do not induce vomiting; call for medical help immediately.

(Contd. on page 3)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 12.02.2015

V- 1

Revision: 28.01.2015

---

**Trade name: Cleaner - solvent based SLOW**


---

(Contd. of page 2)

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

---

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

#### **5.2 Special hazards arising from the substance or mixture**

Can form explosive gas-air mixtures.

Formation of toxic gases is possible during heating or in case of fire.

#### **5.3 Advice for firefighters**

##### **Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

##### **Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

---

### **SECTION 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

#### **6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

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

#### **6.3 Methods and material for containment and cleaning up:**

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

Dispose contaminated material as waste according to item 13.

Do not flush with water or aqueous cleansing agents

#### **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

---

### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Do not inhale gases / fumes / aerosols.

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

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

##### **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Fumes can combine with air to form an explosive mixture.

#### **7.2 Conditions for safe storage, including any incompatibilities**

##### **Storage:**

**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

(Contd. on page 4)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 12.02.2015

V- 1

Revision: 28.01.2015

**Trade name: Cleaner - solvent based SLOW**

(Contd. of page 3)

**Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidising agents.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****reaction mass of ethylbenzene and m-xylene and p-xylene**

WEL (Great Britain)	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk, BMGV
---------------------	--

**DNELs****hydrocarbons, C9, aromatics**

Dermal	DNEL	25 mg/kg bw/day (long-term - systemic effects, workers)
Inhalative	DNEL	150 mg/m <sup>3</sup> (long-term - systemic effects, workers)

**Ingredients with biological limit values:****reaction mass of ethylbenzene and m-xylene and p-xylene**

BMGV (Great Britain)	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
----------------------	--

**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Keep ignition sources away - Do not smoke.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Do not eat or drink while working.

**Respiratory protection:**

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.

Filter A/P2

Use suitable respiratory protective device in case of insufficient ventilation.

**Protection of hands:**

Check the permeability prior to each renewed use of the glove.

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation (EN 374).

**Material of 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 5)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 12.02.2015

V- 1

Revision: 28.01.2015

**Trade name: Cleaner - solvent based SLOW**

(Contd. of page 4)

**Penetration time of glove material**

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

**Eye protection:**

Tightly sealed goggles

**Body protection:** Protective work clothing**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	137 °C Undetermined.

**Flash point:** 32 °C

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

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Not determined.

**Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

**Explosion limits:**

<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	7.0 Vol %

**Vapour pressure at 20 °C:** 8 hPa

**Density:** 0.74-0.79 g/cm<sup>3</sup>

**Vapour density:** Not determined.

**Evaporation rate:** Not determined.

**Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

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

**Viscosity:**

<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.

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

**SECTION 10: Stability and reactivity**

**10.1 Reactivity:** No decomposition if used according to specifications.

**10.2 Chemical stability:** No decomposition if used and stored according to specifications.

(Contd. on page 6)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 12.02.2015

V- 1

Revision: 28.01.2015

**Trade name: Cleaner - solvent based SLOW**

(Contd. of page 5)

**10.3 Possibility of hazardous reactions** Fumes can combine with air to form an explosive mixture.**10.4 Conditions to avoid** Protect from heat and direct sunlight.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** Formation of toxic gases is possible during heating or in case of fire.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:****hydrocarbons, C9, aromatics**

Oral LD50 3592 mg/kg (rat)

Dermal LD50 &gt;3160 mg/kg (-)

Inhalative LC50/4 h &gt;6193 mg/l (rat)

**reaction mass of ethylbenzene and m-xylene and p-xylene**

Oral ATE &gt;2000 mg/kg (-)

Dermal ATE 1466.67 mg/kg (-)

Inhalative ATE 12.09 mg/l (-)

**Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitisation:** No sensitising effects known.**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****hydrocarbons, C9, aromatics**EC50/48h 3.2 mg/l (*Daphnia magna*)EC50/72h 2.9 mg/l (*Pseudokirchnerella subcapitata*)LC50/96h 9.2 mg/l (*oncorhynchus mykiss*)**12.2 Persistence and degradability****hydrocarbons, C9, aromatics**

Biodegradation 78 % (readily biodegradable) (OECD 301 F)

**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

(Contd. on page 7)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 12.02.2015

V- 1

Revision: 28.01.2015

Trade name: **Cleaner - solvent based SLOW**

(Contd. of page 6)

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### European waste catalogue

08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
-----------	---

##### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

<b>14.1 UN-Number</b> ADR, IMDG, IATA	UN1263
<b>14.2 UN proper shipping name</b> ADR IMDG, IATA	1263 PAINT RELATED MATERIAL PAINT RELATED MATERIAL
<b>14.3 Transport hazard class(es)</b> ADR, IMDG, IATA Class Label	3 Flammable liquids. 3
<b>14.4 Packing group</b> ADR, IMDG, IATA	III
<b>14.5 Environmental hazards:</b> Marine pollutant:	No
<b>14.6 Special precautions for user</b> Danger code (Kemler): EMS Number:	Warning: Flammable liquids. 30 F-E,S-E
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	
ADR Limited quantities (LQ) Transport category Tunnel restriction code	5L 3 D/E
<b>UN "Model Regulation":</b>	UN1263, PAINT RELATED MATERIAL, 3, III

### SECTION 15: Regulatory information

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

##### National regulations:

##### Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

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

(Contd. on page 8)

— EN —

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 12.02.2015

V- 1

Revision: 28.01.2015

---

**Trade name: Cleaner - solvent based SLOW**


---

(Contd. of page 7)

### SECTION 16: Other information

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

#### **Relevant phrases**

- H226 *Flammable liquid and vapour.*  
H304 *May be fatal if swallowed and enters airways.*  
H312 *Harmful in contact with skin.*  
H315 *Causes skin irritation.*  
H332 *Harmful if inhaled.*  
H335 *May cause respiratory irritation.*  
H336 *May cause drowsiness or dizziness.*  
H411 *Toxic to aquatic life with long lasting effects.*  
H412 *Harmful to aquatic life with long lasting effects.*
- 
- R10 *Flammable.*  
R20/21 *Harmful by inhalation and in contact with skin.*  
R37 *Irritating to respiratory system.*  
R38 *Irritating to skin.*  
R51/53 *Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*  
R52/53 *Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*  
R65 *Harmful: may cause lung damage if swallowed.*  
R66 *Repeated exposure may cause skin dryness or cracking.*  
R67 *Vapours may cause drowsiness and dizziness.*

#### **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)*  
DNEL: *Derived No-Effect Level (REACH)*  
LC50: *Lethal concentration, 50 percent*  
LD50: *Lethal dose, 50 percent*  
PBT: *Persistent, Bioaccumulative and Toxic*  
vPvB: *very Persistent and very Bioaccumulative*  
Flam. Liq. 3: *Flammable liquids, Hazard Category 3*  
Acute Tox. 4: *Acute toxicity, Hazard Category 4*  
Skin Irrit. 2: *Skin corrosion/irritation, Hazard Category 2*  
STOT SE 3: *Specific target organ toxicity - Single exposure, Hazard Category 3*  
Asp. Tox. 1: *Aspiration hazard, Hazard Category 1*  
Aquatic Chronic 2: *Hazardous to the aquatic environment - Chronic Hazard, Category 2*  
Aquatic Chronic 3: *Hazardous to the aquatic environment - Chronic Hazard, Category 3*  
**Sources** *European Chemicals Agency, <http://echa.europa.eu/>*