

SAFETY DATA SHEET

Date: July, 2010, version 1

Product:

Pro Sanitary 2

1. PREPARATION AND COMPANY IDENTIFICATION

Name of the product	Pro Sanitary 2
Application of the product	Cleaner for all sanitary facilities, surfaces, tiles, stainless steel and acrylic sinks etc.
Distributor	SIA "Viss visapkārt tīrs"
Distributor address:	Ganību dambis 7a, Rīga, Latvia
Postal code:	LV – 1045
Telephone:	+371 67566306
Fax:	+371 67566305
E-mail, web-site:	www.vvt.lv ; info@vvt.lv
Competent person:	egils@vvt.lv
Emergency contact:	State Fire and Rescue Service of Latvia: 112 State Toxicology Centre: 67042468 Medicine and Intoxication Information Centre: 67042473 (round the clock)

2. HAZARDS IDENTIFICATION:

Xi irritant

R36 irritating to eyes

3. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS no.	Substance name	Concentration, %	Classification
68551-12-2	Alcohols, C12-16, ethoxylated	>1<10	Xn R22 R41
5949-29-1	Citric acid	>1<10	Xi R36
231-633-2	Phosphoric acid	>1<10	C R34

4. FIRST AID MEASURES:

Eye contact:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact:	Wash with water.
If the product is swallowed:	If swallowed, seek medical advice immediately and show container or label.
If the product is inhaled:	Is not related to this case – the product is not evaporable.
First aid means, which have to be present at the workplace:	Fresh water

5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media:	Water, CO ₂ , foam, extinguishing media – powder
Forbidden to use:	-
Hazard by flammable product:	Does not burn
Special protection equipment for fire-fighters:	Protective clothes

6. ACCIDENTAL RELEASE MEASURES:

Personnel security measures:	Avoid contact with eyes.
Environment protection measures:	Do not drain a big amount of the product undiluted.

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Collection methods: Pick up with suitable absorbent material.
Dispose of absorbed material in accordance with regulations.

7. HANDLING AND STORAGE:

Handling Handle in accordance with good industrial hygiene and safety practice.
Storage Keep container tightly closed in well-ventilated place. Storage temperature +5°C to +30°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Limit-values for professional exposure: The product is not evaporable.
Individual protection:
Respiratory protection: Is not necessary.
Respiratory protection: Rubber gloves are recommended
Eyes protection: Avoid contact with eyes
Environment protection: Do not drain the product undiluted.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear liquid
Colour: red
Product pH ~1,8
Melting point: -
Boiling point: ~100°C
Flash point: Does not flame
Combustibility: Does not burn
Self-ignition temperature: Does not burn
Density: ~1,020 g/cm³
Solubility in water: Fully soluble

10. STABILITY AND REACTIVITY:

Conditions to be avoided: None
Materials or products to be avoided: None
Hazardous decomposition products: None

11. TOXICOLOGICAL INFORMATION:

Types of effect:

Eyes contact: The product is irritating to eyes.
Skin contact: Phosphoric acid: causes burns.
Toxicity: The toxicity of the surfactant within the product is as follow:
Alcohols, C12-16, ethoxylated: LD50 (oral, rats) 200-2000mg/kg

12. ECOLOGICAL INFORMATION:

Eco toxicity of the product components: Alcohols, C12-16, ethoxylated: LC50, (96 h) fish 1-10 mg/l
EC50 (48 h) daphnia 1-10 mg/l
Mobility of the product components: No data
Biodegradability of the product components: Alcohols, C12-16, ethoxylated: easy degradates >70% DOC (OECD 301 A-F)
Bioaccumulation of the product components: Alcohols, C12-16, ethoxylated – degradates
Other negative impact on the environment: None.

13. DISPOSAL CONSIDERATIONS:

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Must be dumped or incinerated in accordance with local regulations

14. TRANSPORT INFORMATION:

To be transported in closed and clean vehicles, protecting the product from environmental effects in accordance with the cargo transportation regulations that apply to the corresponding transportation means. Must not be transported in specialized foodstuffs transportation means.

15. REGULATORY INFORMATION:

Transport marking: According with standard TN 99-2010

Hazard classification: **Xi irritant**

R 36 irritating for eyes

Safety information: S2 Keep out of the reach of children

S25 Avoid contact with eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S46 If swallowed, seek medical advice immediately and show container or label

Laws and regulations: Cabinet Regulations No 107 of the Republic of Latvia: "Order of classification, labelling and packaging of chemical substances and chemical products". Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents.

Guide to the compilation of Safety Data Sheets, Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

LVS EN ISO 780:1999, "Packaging – Pictorial marking for handling of goods."

TN 99-2010

16. OTHER INFORMATION:

LD50 – amount of chemical substance (mg/kg of live weight), which over a certain time period after its admittance into live organisms causes the death of 50% of the live organisms that have been subject to the effects of the corresponding chemical substance.

LC50 – concentration of a chemical substance in the air or in the water (mg per litre of inhaled air), which over a certain time period after its admittance into live organisms causes the death of 50% of the live organisms that have been subject to the effects of the corresponding chemical substance.

EC50 – concentration of a substance, under which the tested effect is observed within 50% of the test organisms.

BSB28/CSB – Biodegradation Test Method.

OECD – Organization for Economic Cooperation and Development.

DOC – Dissolved organic carbon (Biodegradation Test Method).

CAS number – Chemical Abstracts Service Registry Number Registry number.

EC number - EINECS, European inventory of existing chemical substances.

LVS – Latvian National Standard.

ISO – International Organization for Standardization.

Explanation of the hazard marking:

Xn Harmful

Xi Irritating

C Corrosive

R22 Harmful if swallowed

R34 Causes burns

R36 Irritating to eyes

R41 Risk of serious damage of eyes

Other data:

The information provided in this security data sheet is based on the data supplied by the manufacturer of the product, which are to be deemed correct only if using the product for its intended purpose. It is the user's own responsibility to evaluate the herein provided information and its applicability to particular product usage conditions, and to carry out all the required precautionary safety measures. The company is not liable for the conformity and applicability of this information with regard to other user-specific requirements of the user.

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