


SAFETY DATA SHEET


According to Commission Regulation (EU) No. 453/ 2010 Annex I

	TULPE FAST	The date of compilation:	2010-07-26
		Revision:	2012-11-05
		Version No.	3

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING


Product identifier	Tulpe Fast
Relevant identified uses of the substance or mixture	Cleaning/ maintenance detergent for professional use - concentrated detergent for manual dishwashing.
Supplier/ Manufacturer	UAB „BS Chemical“, Baltijos pr. 123-9, LT-93224 Klaipeda, Lithuania, tel./fax.: +370 46 366279, www.bs-chemical.com
E-mail address for a person responsible for the safety data sheet	dovile@bs-chemical.lt
Emergency telephone number	112 (in Member State of EU). Estonia: 16662, calling from abroad (+372) 626 93 90. Hours of operation are during weekdays from Monday 9AM to Saturday 9AM (closed on Sunday and on national holidays). Latvia: +371 67042473. Service is available 24 hours. Lithuania: +370 5 236 20 52; +370 687 53378. Norway: 22 59 13 00. Poland: + 48 58 349 28 31, + 48 12 646 87 06, + 48 61 848 10 11, + 48 22 619 66 54 ext. 1240.

2. HAZARDS IDENTIFICATION

Classification of the substance/ mixture according to Regulation (EU) No 1272/ 2008 [CLP/ GHS]	Signal word: Warning	 GHS07
	Hazard class: Skin irritation, category 2; Long-term aquatic hazard, chronic 3.	
	Hazard statements:	
	H315 Skin irritating.	
	H319 Causes severe eye irritation.	
	H412 Harmful to aquatic life with long lasting effects.	
	Precautionary statements:	
	P273 Avoid getting into the environment.	
	P280 Wear protective gloves / protective clothing /use eye (face) protection.	
	P302 + P353 IF ON SKIN: Rinse skin with water/shower.	
	P332 + P313 If skin irritation occurs: Get medical advice/attention.	
	P305 + P351 + P338 IF IN EYES: Rinse cautiously for a few minutes your eyes. Remove contact lenses, if present and easy to do. Continue washing.	
	P337 + P313 If eye irritation persists: consult a doctor.	

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According to Commission Regulation (EU) No. 453/ 2010 Annex I

	TULPE FAST	The date of compilation:	2010-07-26
		Revision:	2012-11-05
		Version No.	3

Classification of the substance/ mixture according to **Directive No 67/548/EEB**

Risk phrases:

R36/38 Irritating to eyes and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S26 After contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

S36/37/39 Wear suitable protective clothing, gloves, use eye (face) protection.

S45 During an accident or if you feel unwell, immediately seek medical advice (if possible show this label).



Xi Irritant

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Description of substance/ mixture

Mixture of substances listed below with no hazardous additions.

Hazardous components:

No.	CAS No.	EC No.	Index No.	Mass fraction, %	Name	Classification according to Regulation (EU) No 1272/ 2008 [CLP/ GHS]
1.	8553 6-14- 7	287- 494-3	-	5 – 15	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	Ūmus toksiškumas, 4 kategorija; Odos ėsdinimas, 1C kategorija; H302, H314
2.	6889 1-38- 3	500- 234-8	-	5 – 15	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Skin Irrit. 2, Eye Dam. 1; H315, H318
3.	1310 -73-2	215- 185-3	011-002- 00-6	<5	sodium hydroxide; caustic soda	Skin Irit. 2; H315; Eye Irrit. 2; H319


No.	CAS No.	EC No.	Index No.	Mass fraction, %	Name	Classification according to Directive No 67/548/EEB
1.	8553 6-14- 7	287- 494-3	-	5 – 15	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	C; R22-34
2.	6889 1-38- 3	500- 234-8	-	5 – 15	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Xi; R38-41
3.	1310 -73-2	215- 185-3	011-002- 00-6	<5	sodium hydroxide; caustic soda	Xi; R36/38

Note: explanations of hazard symbols, risk phrases and other signs are listed in Sections 2 and 16.

Components according to EU Detergents Regulation No. 551/2009:	
Anionic surfactants	15 – 30
Noionic surfactants	< 5
Aromatic hydrocarbons (d-Limonene, Benzyl salicilate)	
Preservative	

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	TULPE FAST	The date of compilation:	2010-07-26
		Revision:	2012-11-05
		Version No.	3

4. FIRST AID MEASURES

Description of the first aid measures	In all cases if the damage to health occurred, seek immediate medical attention. If a person is unconscious do not give any water/ do not put anything into the mouth. In If substance/mixture poisoning case was discovered immediately contact the nearest Poisons control and information centre.
After inhalation	If inhalation of solution's aerosols or vapors has occurred, immediately stop the contact - take out a suffering person to the fresh air, provide a peace. If respiratory impairment has occurred seek medical advice. If a person lost consciousness, lay him down steadily on a side and carry to the medical institution.
After skin contact	Immediately remove all contaminated clothing, at least 10 – 20 minutes wash with plenty of water. If skin gets burned by substance/ mixture, not to use a soap. If symptoms of damage develop, seek medical advice.
After eye contact	Rinse opened eye as soon as possible, at least 10 - 30 minutes wash eyes with running water lifting and lowering eyelids. Remove contact lenses, if present and easy to do. Seek immediate medical attention.
After swallowing	Do not induce vomiting, do not give an active carbon. If a person is conscious, remove substance residues from mouth, rinse it with water, seek immediate medical attention.

5. FIREFIGHTING MEASURES


Extinguishing media	Firefighting equipment must be selected assessing the properties of around burning materials.
Special hazards arising from the substance/ mixture	Non-flammable as long as water has not been evaporated. When water has been evaporated, toxic gases release during thermal destruction. It is necessary to know the properties of other chemicals or mixtures used or stored together.
Advice for firefighters	During the fire, wear respiratory protective equipment and chemical resistant/ protective clothing. Personal protective equipment must be chosen assessing the properties of burning around materials.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Sufficient ventilation / respiratory protection/ contact with skin, eyes prevention.
Environmental precautions	Do not pour spilled material to the local drains, surface water, or nature environment.
Methods (material) for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, universal binders, and sawdust). Residues neutralize and rinse with water.

SAFETY DATA SHEET

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	TULPE FAST	The date of compilation:	2010-07-26
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		Version No.	3

It is prohibited to discard the material in the trash basket or to pour back into the original container. Dispose gathered material according to the instructions.

Reference to other sections

View sections 8 and 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Store in a tightly closed original container, in a dry ventilated area. Do not store together with acids, strong oxidizing agents. Keep container in the temperature 0°C ÷ +35°C and away from heat sources.

Conditions for safe storage

For the professional use only. Use only in a well ventilated area, where exhaust ventilation is equipped strictly in accordance with the instructions. Use common rules/instructions when working with chemicals. Do not mix with other chemicals. During the process do not eat, drink or smoke. Do not allow concentration of vapors in the air to exceed allowable threshold. Use appropriate personal protective equipment as indicated in Section 8.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters according to HN 23:2007 in Lithuania

Not determined/ no data.

Appropriate engineering controls

General, local exhaust ventilation. Avoid the spills, and any contact with this mixture, see Section 7.

Personal protective equipment:

General protective and hygienic measures

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of the work. Avoid contact with eyes and skin.

Hand and skin protection

Protective gloves. The material of the gloves should be resistant to the substance/ mixture. Penetration time of the material check out with manufacturer.

Eye protection

If it is possible to get into eyes - wear safety glasses, face covering shields.

Respiratory protection

In the case of insufficient ventilation, or in an emergency – the protection against aerosols must be used filtering half masks against harmful liquid aerosols and valve filtering half masks against gases and particles.

Environmental impact control

See sections 6 and 12.


9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid, viscous

SAFETY DATA SHEET

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Color	Clear, yellowish
Odor	Specific
pH, 100 %, 20-25°C	5,5 – 5,8
The relative density, g/cm ³ , 20°C	1,02 – 1,05

10. STABILITY AND REACTIVITY

Chemical stability	Used according to specifications, under normal conditions - stable.
Conditions to avoid/ incompatible materials	Avoid contact with light metals, overheating. Exothermic reaction may occur under certain conditions.
Hazardous decomposition products	Reaction products depend on the substances/mixtures involved in the chemical reactions.

11. TOXICOLOGICAL INFORMATION


Toxicological effects	On the basis of chemical information, it can be said that the mixture is not characterized by acute toxicity, when swallowed by test animals (rats). Does not exceed the acute toxicity estimates.
Primary irritant effect	Skin: Expected dry skin, eczema, pruritus. The damage depends on the exposure time and the concentration of the solution. May cause an allergic reaction. Eyes: Pain, tearing, vision changes. Inhalation: Inhalation of aerosols can cause shortness of breath, chest pain, difficulty breathing, weakness, headache. Ingestion: Digestive tract irritation - the mouth, throat, esophagus, stomach pain, difficulty in swallowing.
Additional toxicological information:	-

12. ECOLOGICAL INFORMATION

Toxicity	On the basis of chemical information, it can be said that mixture is characterized by an toxicity chronic, category 3, to aquatic organisms (fish).
Persistence and degradability	On the basis of chemical information, it can be said that mixture components are biodegradable. The biodegradation process of mixture (surfactants) in the environment is in accordance with requirements of Detergents Regulation No. 551/ 2009.
Bioaccumulative potential	Not determined/ no data.
Mobility in soil	Soluble in water, spread out. Before being released into waste water or sewage system must be diluted with water or

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	TULPE FAST	The date of compilation:	2010-07-26
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		Version No.	3

neutralized.

Other adverse effects

Threat to aquatic and soil organisms can be caused by changes in local environment's pH.

13. DISPOSAL CONSIDERATIONS

Disposal of product

Waste must be managed according to the Waste Management Act. Do not dispose in the trash, local and storm sewage system, surface water or environment. Codes of waste: 07 06; 20; 20 01 29*; 20 01 30.

Disposal of packaging

Packaging waste must be handled according to Packaging and Packaging Waste Management Act. The product must be diluted with water or neutralized before released into sewage system. Washed and dried packaging can be reused.

14. TRANSPORT INFORMATION

Transport classification

Land transport ADR / RID (international/internal transportation).

UN number

Not related.

Name and description

-

Class

-

Classification group

-

Packing group

-

Labels

-

Hazard identification number

-

Special precautions for user

Do not damage packaging.

15. REGULATORY INFORMATION

Information on legal regulations related to the substance / mixture:


1. Commission Regulation (EC) No. 286/2011; 1272/2008; 1907/2006.
2. Commission Regulation (EC) No. 551/2009.
3. HN 23:2007 "Occupational exposure limit values. Measuring the Impact Assessment and General Requirements".
4. European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

16. OTHER INFORMATION

Explanations of Hazard symbols and numeric characters (described in Section 3):

SAFETY DATA SHEET

According to Commission Regulation (EU) No. 453/ 2010 Annex I

	TULPE FAST	The date of compilation:	2010-07-26
		Revision:	2012-11-05
		Version No.	3

Eye Dam. 1	Sharp eye damage, Category 1.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Serious eye damage.
C	Corrosive.
R22	Harmful if swallowed.
R34	Causes burns.
R41	Risk of serious damage to eyes.

This safety data sheet must be available to anyone who works with this type of chemical product. Data is in line with our current knowledge and it describes a chemical product, offers safety, occupational health, and environmental recommendations. This information will be added if new data about this chemical product will be ready. Material Safety Data Sheet does not disclose any specific chemical characteristics of the product.

This safety data sheet was reviewed assessing the requirements of REACH and GHS regulations. On December the 1, 2015 DSD mixture classification, labeling and packaging requirements will be replaced by CLP rule requirements. UAB "BS Chemical" refers to the CLP / GHS Regulations, and always keeps up to date Material Safety Data Sheets according to the chemical suppliers' Material Safety Data Sheets.