

Material Safety Data Sheet						
SECTION 1: Identification of the substance/mixture and of the company/undertaking						
1.1 Product identifier:	Clean Elina					
The trade name or the designation of the mixture:	Universal cleaner					
1.2. Relevant identified uses of the substance or mixture and uses advised against:	Universal cleaner					
1.3. Details of the supplier of the Safety Data Sheet	Jean Products, Steinmühlweg 4, 97783 Karsbach					
1.4. Emergency telephone number						
SECTION 2: Hazards identification						
2.1. Classification of the substance or mixture:						
Classification according to Directive 1999/45/EC	Preparation was classified as a safe.					
2.2. Label elements:						
Risk phrases:	Not applicable					
Safety phrases:	S2 - Keep out of the reach of children Avoid contact with eyes.					
2.3. Other hazards:	Unknown					
SECTION 3: Composition/information on ingredients						
3.1. Substances:	Not applicable					
3.2 Mixtures:						
Hazardous ingredients:						
Name	Number type: CAS, EC or index number	Number	REACH Registration No.	% [weight]	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1278/2008 (CLP)
Sodium C10-13 alkylbenzene sulfonate	CAS	68411-30-3	01-2119489428-22-XXXX	<5,0	Xn, R22 Xi, R38, R41	Acute Tox. 4; H302 Skin Irrit 2, H315 Eye damage 1, H318
	EC	270-115-0				
Additional information:	For full text of H-statements and R-phrases: see SECTION 16.					
SECTION 4: First aid measures						
4.1 Description of first aid measures:						
following inhalation:	In normal circumstances cause no threat.					
following skin contact:	There was no irritation. Contained skin rinse with water. Seek medical attention if irritation persists.					
following eye contact:	Remove contact lenses. Rinse eyes with cold water for 10 minutes (small water flow directed to outer side of the face - never directed to healthy eye). Seek medical attention if irritation persists.					
following ingestion:	Rinse the mouth with water. To give a small amount of water to drink. Prevent vomiting. Seek medical attention.					
4.2. Most important symptoms and effects, both acute and delayed:	Contact with eye: may cause redness, tearing, burning. Contact with skin: may cause redness, irritation, drying and cracking of the skin.					

4.3. Indication of any immediate medical attention and special treatment needed:	Seek medical attention.
SECTION 5: Firefighting measures	
5.1. Extinguishing media:	
Suitable extinguishing media:	Extinguishing media for flammable materials. It is recommended to use foam and powder extinguishers, carbon dioxide and water in a distributed stream.
Unsuitable extinguishing media:	no data
5.2. Special hazards arising from the substance or mixture:	Containers exposed to high temperatures cool with water from safety distance, if possible, remove from danger area. If necessary, call the firefighters.
Hazardous combustion products:	no data
5.3. Advice for firefighters:	The product is non-flammable. Self-contained breathing apparatus, protective clothes and protective gloves. If possible, containers remove from danger area.
SECTION 6: Accidental release measures	
6.1 Personal precautions, protective equipment and emergency procedures:	
6.1.1. For non-emergency personnel:	Wear suitable protective clothing. Avoid contact with eyes. The small quantities of spilled product may cause slippery surface.
6.1.2. For emergency responders:	
6.2 Environmental precautions:	Due to the small volume of the package there is little probability of harmful effects on the environment. Prevent product from entering drains, surface and ground water. Notify authorities in case of contamination of the environment.
6.3 Methods and material for containment and cleaning up:	Prevent further leakage or spillage if possible . The small quantities of spilled product soak up with absorbent material (sand, earth), collect to closed container. In case of large quantities - try to create a dike to stop material spreading, to pump liquid to container. To close flow of liquid, to seal. Wash the contaminated area with water. Neutralize according to recommendation in section 13.
6.4 Reference to other sections:	Personal Protection: See Section: 8. Disposal considerations: See Section 13.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling:	Use for the intended purpose and method of use. During use not eat or drink. To avoid contact from eyes. Washed surfaces thoroughly rinse with water. Upon use - wash your hands. The product mix only with water.
7.2 Conditions for safe storage, including any incompatibilities:	The product should be stored in terms of protecting it against contamination and in temperature 5-35°, in labelled, sealed original packaging, in a dry, well ventilated, enclosed room. Keep away from heat and ignition sources. The product should be protected from freezing. Do not store with foods.
7.3 Specific end use(s):	not required
SECTION 8: Exposure controls/personal protection	
8.1 Control parameters :	The occupational exposure limit values (NDS, NDSch, NDSP according to Minister of Work and Community Politics Decree from 29-th of November 2002 due to the highest acceptable concentrates and intensities of factors which are harmful for health in work environment (Daily Law No. 217, position 1833 with changes)
	not applicable
8.2 Exposure controls:	
8.2.1 Appropriate engineering controls:	General ventilation of room.

<i>8.2.2 Personal protection equipment:</i>	Wash hands after work with product. Do not eat or drink or smoke.
<i>Eye and face protection:</i>	In normal circumstances is not required
<i>Skin protection:</i>	In normal circumstances is not required
<i>Respiratory protection:</i>	In normal circumstances is not required
SECTION 9: Physical and chemical properties	
<i>9.1. Information on basic physical and chemical</i>	
<i>Appearance:</i>	homogeneous, clear liquid without mechanical pollution: yellow, green or violet
<i>Odour:</i>	nice, characteristic for used fragrance: lemon, lily of the Valley or lavender
<i>Odour threshold:</i>	no data
<i>pH:</i>	5,0 - 7,0
<i>Melting point [°C]:</i>	no data
<i>Freezing point [°C]:</i>	no data
<i>Boiling point [°C]:</i>	no data
<i>Flash point [°C]:</i>	Not applicable
<i>Evaporation rate:</i>	Not applicable
<i>Flammability:</i>	non flammable product
<i>Upper explosive limits:</i>	Not applicable
<i>Lower explosive limits:</i>	Not applicable
<i>Vapour pressure:</i>	no data
<i>Vapour density:</i>	no data
<i>Density at 20 °C [g/cm³]:</i>	1,01 +/-0,04
<i>Water solubility:</i>	very good
<i>Solubility in other solvents:</i>	no data
<i>Partition coefficient: n-octanol/water</i>	Not applicable
<i>Auto-ignition temperature:</i>	Not applicable
<i>Decomposition temperature:</i>	no data
<i>Viscosity at 25 °C [mPa s]:</i>	Not applicable
<i>Explosive properties:</i>	no data
<i>Oxidising properties</i>	no data
<i>9.2 Other information:</i>	no data
SECTION 10: Stability and reactivity	
<i>10.1 Reactivity:</i>	no data
<i>10.2 Chemical stability:</i>	Stable at normal circumstances.
<i>10.3 Possibility of hazardous reactions:</i>	no data
<i>10.4 Conditions to avoid:</i>	Avoid temperatures different from range in 7.2. Keep away from sunlight and avoid contamination.
<i>10.5 Incompatible materials:</i>	strong oxidizers

10.6 Hazardous decomposition products:	For product - not known. May create carbon oxide, sulphur oxide.
SECTION 11: Toxicological information	
11.1. Information on toxicological effects:	The product doesn't be classify as dangerous for health. Applied appropriately and recommendations doesn't cause negative results for health. There are no toxic properties.
FOR MIXTURES:	no data
FOR SUBSTANCES:	Sodium C10-13 alkylbenzene sulfonate
Acute toxicity:	LD50 Dermal Rat >2000 mg/kg LD50 Oral Rat - 1080 mg/kg
irritation:	Irritating to skin. Cause of serious damage to eyes. Skin - irritating (rabbit) - 4 h 0,5 ml observation for 14 days Eyes - strong irritating (rabbit) - 0,1 ml observation for 21 days
corrosivity:	Not applicable
sensitisation:	Not sensitizing to the skin.
repeated dose toxicity:	no data
carcinogenicity:	not carcinogen
mutagenicity:	not mutagenic
toxicity for reproduction:	no data
SECTION 12: Ecological information	
12.1. Toxicity:	The product doesn't be classify as dangerous for health. Applied appropriately and recommendations doesn't cause negative results for health. There are no toxic properties.
FOR MIXTURES:	no data
FOR SUBSTANCES:	Sodium C10-13 alkylbenzene sulfonate
Toxicity for fish:	LC ₅₀ (fish - <i>Lepomis macrochirus</i>) = 1,67 mg/l (96 hours)
Toxicity for daphnia:	EC ₅₀ (daphnia - <i>Daphnia magna</i>) = 2,9 mg/l (48 hours) LC ₅₀ (daphnia - <i>Daphnia magna</i>) = 2,4 mg/l (48 hours)
Toxicity for algae/aquatic plants:	EC ₅₀ (algae - <i>Pseudokicheneriella sub.</i>) = 29 mg/l (72 hours)
12.2 Persistence and degradability:	Included in the formulation surfactants are biodegradable.
12.3 Bioaccumulative potential:	no data
12.4 Mobility in soil:	Product is soluble in water.
12.5 Results of PBT and vPvB assessment:	Not applicable
12.6 Other adverse effects:	no data
12.7 Additional information:	
SECTION 13: Disposal considerations	
13.1. Waste treatment methods:	The best way of proceeding with waste material is sending them to authorized recovery plant or combustion plant. Any practices concerning removing has to be consistent with all local laws and decrees. Code of product discard: 15 01 02 - package from plastic 15 01 01 - package from paper and cardboard
SECTION 14: Transport information	

14.1. UN number:	not applicable
14.2. UN proper shipping name:	not applicable
14.3. Transport hazard class(es):	not applicable
Hazard identification number:	not applicable
Labels:	not applicable
Classification code:	not applicable
14.4. Packing group:	not applicable
14.5. Environmental hazards:	not applicable
14.6. Special precautions for user:	Transport in upright position
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code":	not applicable
SECTION 15: Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the mixture:	Preparation was classified as a safe
<p>According to Minister of Health Decree from 2-nd of September 2003 due to package labelling of dangerous substances and preparations (Daily Law no. 173/2003, position 1679 with changes from 9-th of November 2004. Daily Law no. 260, position 2595), preparation does not require labelling. On warning label should be placed trade-name, information about preparation use, the amount of preparation included in the package, address and producer telephone number responsible for introducing the product to the market on RP region.</p> <p>REGULATIONS REFER TO PEOPLE OR ENVIRONMENT PROTECTION:</p> <ol style="list-style-type: none"> 1. Law from 11-th of January 2001 about chemical substances and preparations (Daily law no 171 position 1666 with changes: Daily Law no. 243/2004, position 2440 2. The Minister of Health Decree from 3-d of July 2002 concerning characteristic card of dangerous substance and dangerous preparation (Daily Law no 140 position 11 71 with changes in Daily law no 2/2004 position 8) 3. The minister of Health Decree from 14-th of December 2004 changing decree according to characteristic cards of harmful substance and preparation. (Daily Law no.2 position 8) 4. The Minister of health decree from 28-th of September 2005 concerning specification of harmful substances with their classification and labelling (Daily Law no. 173/2005 position 1679 with changes from 9-th of November 2004. Daily Law no. 260, position 2595) 5. The Minister of Health Decree from 2-nd of September 2003 concerning packages labelling of harmful substance and preparation. (Daily Law no 173/2003 position 1679 with changes from 9-th of November 2004. Daily Law no. 260, position 2595) 6. The Minister of Health Decree from 14-th of August 2002 concerning delivery duty of characteristic cards of some preparations classified to the group of "harmful substances" 7. The Minister of Health Decree from 14-th of march 2003 concerning labelling way of places, pipelines, containers and tanks used for storing or containing <ol style="list-style-type: none"> 8. The Minister of Economy and Social Politics Decree from 5-th of July 2004 concerning limits, prohibitions or production conditions, turns or use of harmful substances and preparations and products containing those substances (Daily Law no.168/2004 position 1762). 9. The Minister of Health Decree from 30-th of April 2004 concerning harmful substances and preparations which packages are supplied with closure making difficult opening by children and with warning about the danger sensible by touch (Daily law no 128/2004 position 1349). 10. Regulation from 26-th of June 1974. Work Code (uniform text: daily Law no 21/1998 position 94: with later changes). 11. The Minister of Work and Social Politics Decree from 26-th of September 1997 concerning general safety and work hygiene regulations (Daily law no 129 position 844: with changes in Daily law no 91/2002 position 811, Daily law no 169/2003 position 1650). 12. The Minister of Health Decree from 30-th of December 2004 concerning safety and work hygiene related with presence of chemical factors in work place. 13. The Minister of Inner Matters and Administration Decree from 16-th of June 2003 concerning anti-fire security of buildings and building sites (Daily law no 173/2003 position 1679 with changes from 9-th of November 2004. Daily Law no. 260, position 2595) 14. Regulation from 28-th of October 2002 about road transport of harmful goods (Daily Law no 199/2002: Daily law no. 97/2004 position 962: daily law no 94/2004 position 962) 15. Government statement from 24-th of September 2002 concerning coming into life changes to appendix A and B in European agreement applying to inter 	

16. Regulation from 27-th of April 2001 about waste materials (Daily Law no 62/2001 position 628 with changes Daily Law no 41/2002 position 365: daily law no 113/2002 position 984; Daily Law no 199/2002 position 1671; Daily law no 7/2003 position 78; Daily Law no 96/2004 position 959; Daily Law no 116/2004 position 1208).
17. Regulation from 11-th of may 2001 about packages and package wastes (Daily Law no 63/2001 position 638 with changes Daily Law no 7/2003 position 78; Daily Law no 11/2004 position 97; Daily Law no 96/2004 position 959).
18. The Minister of Environment Decree from 27-th of September 2001 concerning waste materials catalogue (Daily law no 112/2001 position 1206 with later changes)
19. The minister of Economy, Work and Social Politics from 31-st of march 2003 concerning requirements for individual security agents. (Daily Law no 80/2003 position 725).
20. The Minister Committee Decree from 10-th of September 1996 concerning specification of hard and harmful for women heath works. (Daily Law no 114/1996 position 545 with changes Daily Law no 127/2002 position 1091).
21. The Minister Committee Decree from 1-st of December 1990 concerning specification of works forbidden for juveniles.
22. The Mister of Health and Social Care Decree from 30-th of May 1996 concerning carrying out medicine tests on workers in range of prophylactic health c
23. The Minister of Health Decree from 20-th of April 2005 concerning tests and measures of factors harmful for health in work environment (Daily Law no 73 position 645).
24. The Minister of Infrastructure Decree from 20-th of July 2002 concerning way of duties realization of industrial sewages supplier and conditions which the sewages are introduced in to sewerage systems. (Daily Law no 129/2002 position 1108 with changes, daily law no 163/2003 position 1585).
25. The Minister of Infrastructure Decree from 31-st of January 2001 concerning acceptable substance masses which can be carried away in industrial sewages (Daily Law no 35/2003 position 3090).
26. The Minister of Environment Decree from 6-th of June 2001 concerning acceptable levels of some substances in the air, alarm-levels of some substances in the air and tolerance margins for acceptable levels of some substances (Daily Law no 87/2002 position 796).
27. The Minister of Health Decree from 1-st of January 2004 concerning substances, preparations, factors or technological processes about carcinogenic or mutagenic activity in work environment (Daily Law no 280 position 2771)
28. The mister of Environment Decree from 5-th of December 2002 concerning reference values for some substances in air (Daily Law no 1/2003 position 12)
29. The Minister of Work and Social Politics from 29-th of November 2002 concerning the highest acceptable concentrations and intensities of harmful for he
30. The Minister of Environment from 13-th of May 2004 concerning conditions in which it is admitted that waste materials are not harmful (Daily Law no 128)
31. Decree (WE) no 648/2004 of European Parliament and Committee from 31-st of March 2004 concerning detergents.
32. Decree (WE) no 1907/2006 concerning REACH.

15.2. Chemical Safety Assessment:	no data	
SECTION 16: Other information		
Indication of changes:	New information about hazards	
Abbreviations and acronyms:		
Key literature references and sources for data:		
Relevant R-phrases and/or H-statements (number and full text):	Acute Tox. 4	Acute toxicity, cat. 4
	Skin Irrit 2	Skin corrosion/irritation, cat. 2
	Eye Damage 1	Serious eye damage/eye irritation, cat. 1
	R22	Harmful if swallowed
	R38	Irritating to skin
	R41	Risk of serious damage to eyes
	H302	Harmful if swallowed
	H318	Causes skin irritation
	H318	Causes serious eye damage
Above information are elaborated in base of present accessible data characterizing product, experience and knowledge of the producer. They are not a part of product quality description not even a promise for specific characteristics. They should be treated as help for safe storing, using and transporting of product. However the worker is not without responsibility to. He should correctly use above information and comply with all law standards valid in this field.		