

**NOVALON 9000 Ultra**

Creation date	26th March 2013	Version	2
Revision date	26th August 2015		

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

- 1.1. Product identifier**  
Substance / mixture NOVALON 9000 Ultra mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Mixture for degreasing, cleaning and odor removal.  
**The use descriptors**  
PW Widespread use by professional workers  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Dodavatel**  
Name or trade name NOVATO  
Address Uralská 770/6, Praha, 160 00  
Czech Republic  
Identification number (CRN) 62910370  
VAT Reg No CZ62910370  
Phone +420 233 339 688  
E-mail petr.johanides@novato.cz  
Web address www.novato.cz  
**Competent person responsible for the safety data sheet**  
Name ABITEC  
E-mail info@abitec.cz
- 1.4. Emergency telephone number**  
Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals.

**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.  
Full text of all classifications and hazard statements is given in the section 16.  
**Most serious adverse physico-chemical effects**  
The mixture does not show adverse physicochemical effects.  
**Most serious adverse effects on human health and the environment**  
Direct eye contact may cause mild eye irritation in susceptible individuals. Avoid contact with eyes and skin. Avoid ingestion. Secure against confusion with beverages.
- 2.2. Label elements**  
**Precautionary statements**  
P102 Keep out of reach of children.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 2.3. Other hazards**  
Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

The mixture is composed of surfactants, minerals, natural substances from plants and soil and water.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 58846-77-8 EC: 261-469-7	Decyl-β-D-glucopyranoside	3	Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 %	
CAS: 144538-83-0	Tetrasodium iminodisuccinate	3		
CAS: 1312-76-1 EC: 215-199-1	Potassium silicate	0,8	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Specific concentration limit: Met. Corr. 1, H290: C ≥ 50 % Skin Corr. 1B, H314: C ≥ 50 % Skin Irrit. 2, H315: 38 % ≤ C < 50 % Eye Dam. 1, H318: C ≥ 38 % Eye Irrit. 2, H319: 10 % ≤ C < 38 %	

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

During normal use and following the instructions in the instructions for use, there is no risk to health and therefore no medical attention is required. In all cases of doubt, or when feeling unwell, seek medical advice and show this safety data sheet to the physician. In case of life-threatening conditions, perform resuscitation. Do not induce vomiting. Avoid inhalation of vomit in case of spontaneous vomiting.

##### If inhaled

There is no risk of inhalation during normal use. If inhaling, leave the area, rinse the mouth with water, inhale fresh air.

##### If on skin

First aid is not necessary if the recommended use is followed. Wipe off the product and wash the heat thoroughly with soap and water. Alternatively, treat with a regenerating cream.

##### If in eyes

If the affected person has contact lenses, remove them. Rinse opened eyes with plenty of clean lukewarm water, especially under the eyelids. In case of difficulties, seek medical attention.

##### If swallowed

Do not induce vomiting. Rinse mouth with water, drink a few glasses of water. Seek medical attention and present this safety data sheet.

#### 4.2. Most important symptoms and effects, both acute and delayed

##### If inhaled

not available

##### If on skin

not available

##### If in eyes

May cause direct eye irritation with direct contact with eyes (redness, tearing, burning).

##### If swallowed

Ingestion may cause nausea or abdominal pain.

#### 4.3. Indication of any immediate medical attention and special treatment needed

There are not any particular first aid measures required.

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**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Accommodate according to the location of the fire.

**Unsuitable extinguishing media**

Not defined.

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

There is no increased risk of thermal decomposition of the mixture. Do not inhale thermal decomposition products.

**5.3. Advice for firefighters**

Adapt protective equipment to the nature of the fire.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

The mixture is not dangerous, no special measures are required to protect people. Insulate spill area, prevent unauthorized entry. Avoid contact with eyes - use personal protective equipment.

**6.2. Environmental precautions**

Observe the usual environmental precautions. Avoid release to soil, surface and ground water. In the event of a major spill, inform the relevant government authorities and the flow or sewer manager.

**6.3. Methods and material for containment and cleaning up**

In the event of a small leak, wipe off the mixture with a cloth, dispose of the contaminated mixture and rags according to section. 13. Smaller amounts of the mixture diluted with large amounts of water can be drained. Wash contaminated area with water.

**6.4. Reference to other sections**

See the Section 7, 8 and 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Follow the recommendations in the operating instructions. Secure against eye contact, use personal protective equipment according to sec. 8. Secure against confusion with beverages, avoid ingestion. Protect from heat sources. Observe the applicable safety and health regulations. Follow the principles of hygiene when working with chemicals, do not eat, drink or smoke while working. Wash hands with warm soapy water before breaks, meals and after work.

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

Store tightly closed in the original packaging in a dry place. Protect from frost. Keep out of reach of children. Store away from food, drink and animal feeding stuffs. Follow the instructions on the label.

**7.3. Specific end use(s)**

Cleaning and degreasing, follow the instructions in the operating instructions.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

The mixture contains no substances for which occupational exposure limits are set.

**8.2. Exposure controls**

Avoid contact with eyes. Observe hygienic measures when working with chemicals. Do not eat, drink or smoke while working. Wash hands with lukewarm soap and water before breaks and after work. Adapt personal protective equipment to the nature of the work.

**Eye/face protection**

Protective goggles or face shield (based on the nature of the work performed).

**Skin protection**

Not necessary. Take off contaminated clothing and wash before reuse. In case of sensitive persons and long-term exposure, use protective gloves.

**Respiratory protection**

It is not needed.

**Thermal hazard**

not available

**Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2.

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state	liquid
Colour	colourless
Odour	characteristic
Melting point/freezing point	0 °C
Boiling point or initial boiling point and boiling range	100 °C
Flammability	The product is non-flammable.
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	9,5 (undiluted)
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	data not available
Relative density	1050 kg/m <sup>3</sup>

**9.2. Other information**

Appearance	liquid
The mixture does not contain phosphates.	

**SECTION 10: Stability and reactivity****10.1. Reactivity**

When used in the standard way, there is not any dangerous reaction with other substances.

**10.2. Chemical stability**

The product is stable under normal conditions.

**10.3. Possibility of hazardous reactions**

The mixture does not show dangerous reactions if the instructions for use are followed. May react violently with strong acids.

**10.4. Conditions to avoid**

Frost.

**10.5. Incompatible materials**

Strong oxidizing agents, strong acids.

**10.6. Hazardous decomposition products**

Not developed under normal uses.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Due to the properties of the components of the mixture, it is not classified as toxic. Direct contact with the concentrated mixture may irritate the eyes (redness, tearing, burning, pain). Ingestion may cause nausea or abdominal pain. It does not have an adverse effect on human health if the instructions for use are followed. Animal testing has not been performed.

**Acute toxicity**

Acute oral toxicity LD50 (rat): > 2g / kg (surfactants contained)

**Skin corrosion/irritation**

Based on available data the classification criteria are not met.

**Serious eye damage/irritation**

Based on available data the classification criteria are not met. Direct contact with concentrated mixture may cause slight eye irritation.

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**Respiratory or skin sensitisation**

Based on available data the classification criteria are not met.

**Germ cell mutagenicity**

Not likely.

**Carcinogenicity**

Based on available data the classification criteria are not met.

**Reproductive toxicity**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - single exposure**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - repeated exposure**

Based on available data the classification criteria are not met.

**Aspiration hazard**

Based on available data the classification criteria are not met.

**11.2. Information on other hazards**

not available

**SECTION 12: Ecological information****12.1. Toxicity****Acute toxicity**

The mixture does not contain components classified as dangerous for the environment.

**More information**

The ecotoxic effects of the mixture itself have not been assessed. Do not allow to enter drains, ground or surface water.

**12.2. Persistence and degradability**

The surfactants used are 90% degradable.

**12.3. Bioaccumulative potential**

Data not available.

**12.4. Mobility in soil**

The mixture is soluble in water, it is mobile in soil and water.

**12.5. Results of PBT and vPvB assessment**

Data not available.

**12.6. Endocrine disrupting properties**

not available

**12.7. Other adverse effects**

Avoid release of concentrated mixture to soil and ground or surface water. Observe the usual environmental precautions.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Smaller amounts of the mixture after dilution can be discharged into the sewer by rinsing with a large amount of water. Dispose of mixture and packaging residues in accordance with local waste disposal regulations. Hand over to an authorized person for disposal. Uncontaminated packaging can be recycled to a combined waste collection system.

**Waste management legislation**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

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**Waste type code**

20 01 30 detergents other than those mentioned in 20 01 29

**Packaging waste type code**

15 01 02 plastic packaging

**SECTION 14: Transport information****14.1. UN number or ID number**

not subject to transport regulations

**14.2. UN proper shipping name**

not relevant

**14.3. Transport hazard class(es)**

not relevant

**14.4. Packing group**

not relevant

**14.5. Environmental hazards**

not relevant

**14.6. Special precautions for user**

Transport in packages corresponding to the properties of the mixture. Observe the prescribed load markings.

**14.7. Maritime transport in bulk according to IMO instruments**

not relevant

**Additional information**

The mixture is not subject to transport regulation according to ADR, RID, ICAI / IATA, IMDG.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th 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. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the 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. Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

**Additional information in accordance with Regulation (EC) no. 648/2004 on detergents, as amended**

&lt;5 % non-ionic surfactants

**15.2. Chemical safety assessment**

It has not been processed.

**More information**

The information given only indicates the basic regulations mentioned in this safety data sheet. Please note the possible existence of additional regulations supplementing these regulations. We refer to all applicable national, international and local rules and regulations.

**SECTION 16: Other information****A list of standard risk phrases used in the safety data sheet**

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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### Guidelines for safe handling used in the safety data sheet

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P102 Keep out of reach of children.

### Other important information about human health protection

not available

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
ES	Identification code for each substance listed in EINECS
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Met. Corr.	Corrosive to metals
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

The mixture should not be used for any purpose other than that for which it is intended (see section 1.2). As the specific conditions of use of the mixture are beyond the control of the supplier, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. The safety information describes the product from a safety point of view and cannot be considered as technical information about the product.

### Information about data sources used to compile the Safety Data Sheet

Manufacturer data and toxicological databases.

### The changes (which information has been added, deleted or modified)



## SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

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Change of composition according to the supplier's SDS; format change according to Commission Regulation (EU) No. 2015/830.

#### Statement

The safety data sheet contains data necessary to ensure safety and health at work and protection of the environment. The stated data correspond to the current state of knowledge and experience and are in accordance with valid legal regulations. They cannot be considered as a guarantee of the suitability and applicability of the product for a specific application. The user is responsible for handling according to existing laws and regulations.

