

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## Odpěňovač O3000

Creation date	22nd October 2003	Version	15
Revision date	21st November 2021		

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

**1.1. Product identifier** Odpěňovač O3000  
Substance / mixture mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**

Defoamer

#### The use descriptors

IS Use at industrial sites

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**

#### Supplier

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**

European emergency number: 112

### 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.

#### Most serious adverse physico-chemical effects

Imperfect thermal decomposition at high temperatures may release dangerous gases.

#### Most serious adverse effects on human health and the environment

The mixture contains irritating components in an amount below the specified concentration limit. In rare cases, it can cause mild eye and skin irritation. Avoid contact with eyes and skin. Avoid ingestion. Use suitable work protective equipment. Ensure against confusion with drinks. Follow the instructions for use to avoid risks to people and the environment. The full wording of the H-phrases is given in Sect. 16 of this safety data sheet.

**2.2. Label elements**

none

**2.3. Other hazards**

Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list drawn up in accordance with Article 59, paragraph 1, due to the content of endocrine disruptors, nor has it been determined as a substance with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture.

**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: 9004-96-0 EC: 500-015-7	Oleic acid, ethoxylated	<10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Specific concentration limit: Skin Irrit. 2, H315; Eye Irrit. 2, H319: C ≥ 10 %	

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

In the event of health problems or in case of doubt, consult a doctor and provide him with the information from this safety data sheet. In case of life-threatening conditions, perform resuscitation. In case of spontaneous vomiting, prevent inhalation of vomitus.

##### If inhaled

If inhalation occurs, rinse mouth with water, breathe fresh air. If respiratory tract irritation occurs and persists, seek medical attention.

##### If on skin

Wipe off the mixture, wash with lukewarm water and soap, treat with a regenerating cream. If clothing becomes contaminated, remove clothing.

##### If in eyes

If the victim wears contact lenses, remove them. Flush eyes wide open with plenty of clean, lukewarm water, especially the area under the lids. Seek medical treatment.

##### If swallowed

Do not induce vomiting. Rinse your mouth with water, drink a glass of cold water. If nausea or health problems occur, 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

Contact with the skin may in rare cases cause mild irritation.

##### If in eyes

When rubbed directly into the eyes, it can slightly irritate the 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

In the normal use of the mixture, medical assistance is not required.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

The mixture is not flammable, match the extinguishing agents to the surrounding fire (foam, water, water mist powders, CO<sub>2</sub>).

##### Unsuitable extinguishing media

Not defined.

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

Thermal decomposition at high temperatures or fire may produce hazardous decomposition products. Do not inhale thermal decomposition products.

### 5.3. Advice for firefighters

Protective equipment adapt the nature of the fire.

## SECTION 6: Accidental release measures

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

The mixture is not dangerous, there is no need for special measures to protect people. Avoid contact with eyes and skin - use personal protective equipment. Ensure sufficient ventilation of the work area.

### 6.2. Environmental precautions

Observe the usual environmental precautions. Avoid leakage into sewers, soil, surface and ground water. In case of leakage, inform the competent authorities of the state administration and the flow or sewerage manager.

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

In the event of a small leak, wipe the mixture with a rag or cover it with a suitable sorbent (vapex, sand, diatomaceous earth, sawdust), seal the contaminated mixture in waste containers, label and dispose of it according to sec. 13. Wash the 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 given in the instructions for use. Avoid contact with skin and eyes - use personal protective equipment according to sec. 8. Ensure sufficient ventilation of the work area. Ensure against confusion with drinks, prevent ingestion.

Pay attention to the applicable safety and health regulations. Observe the principles of hygiene when working with chemicals, do not eat, drink or smoke while working. Wash your hands with warm soapy water before breaks, meals and after work.

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

Store tightly closed in original packaging in cool and dry places. Protect from frost. Store out of reach of children. Store away from food, drink and feed.

Content	Packaging type	Material of package
1 l	bottle	PE

Storage temperature min 5 °C, max 40 °C

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture does not contain any constituents of national exposure limits specified in Annex 2, Government Decree 361/2007 Coll., As amended or European Union for Work Environment.

### 8.2. Exposure controls

Ensure sufficient ventilation, or extraction of the working space. Avoid contact with eyes and skin. Observe hygienic measures for working with chemicals. Do not eat, drink or smoke while working. Wash your hands with lukewarm water and soap before breaks, meals and after work. Adapt personal protective equipment to the nature of the work.

#### Eye/face protection

Protective goggles.

#### Skin protection

Work clothes. Remove contaminated clothing and wash before re-use.

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### Respiratory protection

If the recommended method of use is followed, it is not necessary. If there is a risk of inhalation, use a mask with a filter against organic vapors and aerosols.

### Thermal hazard

Not Specified. Avoid heating the mixture and exposure to elevated temperatures.

### Environmental exposure controls

Observe the usual environmental precautions. Avoid leakage into sewers, underground and surface water and soil.

### More information

Ensure compliance with governmental regulation 361/2007 Coll., Laying down the conditions for the protection of health at work, as amended, and to fulfill the obligations contained therein.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	creamy
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
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	6.5-8 (undiluted)
Kinematic viscosity	data not available
Solubility in water	miscible
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	1.0-1.04 at 20 °C
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

Explosive properties: The mixture does not show explosive properties.  
Oxidizing properties: The mixture is not classified as oxidizing.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

In normal conditions, the mixture does not show dangerous reactions.

### 10.2. Chemical stability

The mixture is stable under normal environmental conditions, storage and handling.

### 10.3. Possibility of hazardous reactions

The mixture does not show dangerous reactions if the instructions for use are followed. May react with strong acids to form an exothermic reaction.

### 10.4. Conditions to avoid

At temperatures below 5 °C and above 40 °C.

### 10.5. Incompatible materials

Strong oxidizing agents, acids.

### 10.6. Hazardous decomposition products

Under normal conditions, the mixture is not decomposed. Incomplete combustion or thermal decomposition produces toxic products of combustion (CO<sub>x</sub>, NO<sub>x</sub>, hydrocarbons, etc.).

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

The mixture is not classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended.

##### Acute toxicity

Based on available data the classification criteria are not met.

##### 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.

##### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

Based on available data the classification criteria are not met.

##### 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

It does not contain substances causing disruption of the endocrine system. In direct contact with the eyes, it may slightly irritate the eyes (redness, tearing, burning, conjunctivitis). Ingestion may cause nausea or abdominal pain.

### SECTION 12: Ecological information

#### 12.1. Toxicity

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

##### More information

The ecotoxic effects of the mixture were not assessed. Do not allow liquid to enter drains or surface water.

#### 12.2. Persistence and degradability

The mixture is partially biodegradable.

#### 12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

#### 12.4. Mobility in soil

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

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

The mixture does not contain substances from the PBT and vPvB groups according to Annex XIII of the REACH Regulation, as amended.

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### 12.6. Endocrine disrupting properties

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

### 12.7. Other adverse effects

not available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

A smaller amount of the mixture can be flushed down the drain with a large amount of water. Dispose of mixture and packaging residues in accordance with local waste regulations. Hand over to an authorized person for disposal, e.g. in a hazardous waste incinerator. Uncontaminated packaging can be sent for recycling.

#### Waste management legislation

Act No. 477/2001 Coll., On Packaging, as amended. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

#### Waste type code

11 01 13\* degreasing wastes containing hazardous substances

#### Packaging waste type code

15 01 02 plastic packaging

(\* ) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## 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 that match the properties of the mixture. Observe the prescribed marking for cargo.

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

not relevant

## SECTION 15: Regulatory information

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

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) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Commission Delegated Regulation (EU) 2021/849 of 11 March 2021 amending, for the purposes of adapting to technical and scientific progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. 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.

### 15.2. Chemical safety assessment

No chemical hazard assessment was performed for this mixture.

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### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

H315	Causes skin irritation.
H319	Causes serious eye irritation.

#### Other important information about human health protection

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the supplier can not control the specific conditions of use of the mixture, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

#### 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
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
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
IMO	International Maritime Organization
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
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
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 Irrit.	Eye irritation
Skin Irrit.	Skin irritation

#### Training guidelines

According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended. 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

not available



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#### 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)

Adaptation of BL updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878.

#### Statement

The safety data sheet contains the data needed to ensure safety and health at work and environmental protection. These data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of the suitability and usability of the product for a specific application. The user is responsible for the treatment under existing laws and regulations.

