

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) .

## NOVAX AKTIVÁTOR

Creation date	22nd October 2003	Version	16
Revision date	28th March 2024		

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

**1.1. Product identifier** NOVAX AKTIVÁTOR  
Substance / mixture mixture

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

A mixture that accelerates the reaction of NOVAX adhesive

#### 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 classified as dangerous.

Aerosol 1, H229, H222

Asp. Tox. 1, H304

Skin Irrit. 2, H315

STOT SE 3, H336

Aquatic Chronic 2, H411

#### Most serious adverse physico-chemical effects

Highly flammable liquid and vapor. Thermal decomposition at high temperatures or incomplete combustion may release dangerous decomposition products. Avoid inhalation of decomposition products. There is a risk of the package exploding when heated. Solvent vapors are heavier than air and can spread across the floor. Risk of re-ignition.

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

Inhalation of vapors can cause headaches, fatigue, drowsiness, malaise, even narcotic conditions, and in extreme cases even unconsciousness. Do not inhale the vapors of the mixture. It irritates the skin (redness, itching, burning). Ingestion of liquid into the respiratory system during ingestion or aspiration of vomit during subsequent vomiting may cause bronchopneumonia or pulmonary edema. Direct contact with the eyes may slightly irritate the eyes (watering, burning, even conjunctivitis). Frequent or long-term contact with the skin causes drying or cracking of the skin or even dermatitis. Ensure against confusion with drinks. The mixture is highly toxic to the environment. Follow the instructions for use to avoid risks to humans and the environment. The full wording of the classification and H phrases is given in Sect. 16 of this safety data sheet.

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### 2.2. Label elements

#### Hazard pictogram



#### Signal word

Danger

#### Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P280	Wear protective gloves/protective clothing/eye protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 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.

## 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
Index: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7	butane	40-60	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	1, 2
Index: 649-328-00-1 CAS: 64742-49-0 EC: 265-151-9	Naphtha (petroleum), hydrotreated light	25-40	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411 Specific concentration limit: Asp. Tox. 1, H304: C ≥ 10 % Skin Irrit. 2, H315: C ≥ 25 % STOT SE 3, H336: C ≥ 20 %	3, 4, 5

# SAFETY DATA SHEET

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 612-296-00-4 CAS: 99-97-8 EC: 202-805-4	N,N-dimethyl-p-toluidine	<1	Acute Tox. 3, H301+H311 Skin Sens. 1, H317 Acute Tox. 2, H330 STOT RE 2, H373 (blood system, respiratory tract) Aquatic Chronic 3, H412 Specific concentration limit: Skin Sens. 1, H317: C ≥ 1 % STOT RE 2, H373: C ≥ 10 %	4

### Notes

- Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- Note U (Table 3): When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:

Press. Gas (Comp.)  
Press. Gas (Liq.)  
Press. Gas (Ref. Liq.)  
Press. Gas (Diss.)

Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

- Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.
- A substance for which exposure limits are set.
- Fulfilled Note P

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. When providing first aid, ensure the safety of the rescuer and the rescued. In case of life-threatening conditions, perform resuscitation. Place the unconscious person in a stable position and do not give anything by mouth. Avoid catching cold. If necessary (respiratory arrest or irregular breathing), perform artificial respiration with a breathing bag. Do not induce vomiting. In case of spontaneous vomiting, prevent inhalation of vomitus.

#### If inhaled

Stop exposure immediately, rinse mouth with water, breathe fresh air. If clothing is affected, remove clothing. If necessary (respiratory arrest or irregular breathing), perform artificial respiration with a breathing bag, not directly from mouth to mouth. Seek medical attention if respiratory tract irritation or difficulty breathing occurs and persists.

#### If on skin

If clothing becomes contaminated, remove clothing. Wash thoroughly with lukewarm water and soap, treat with regeneration cream. If symptoms of irritation occur, seek medical attention.

#### If in eyes

If the victim wears contact lenses, remove them. With the eyes wide open, flush from the inner corner of the eye towards the outer with a large amount of clean, lukewarm water, especially the area under the lids. Rinse for at least 15 min., in case of difficulties, seek medical treatment.

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### If swallowed

Do not induce vomiting. Rinse the mouth with water and drink a glass of water (only if the victim is conscious and not in pain). In case of spontaneous vomiting, prevent inhalation of vomitus. Seek medical attention immediately and present this safety data sheet.

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

#### If inhaled

Inhalation of vapors can cause headaches, fatigue, drowsiness, malaise, even narcotic conditions, and in extreme cases even unconsciousness. Do not inhale the vapors of the mixture. Ingestion of liquid into the respiratory system during ingestion or aspiration of vomit during subsequent vomiting may cause bronchopneumonia or pulmonary edema.

#### If on skin

It irritates the skin (redness, itching, burning). Frequent or long-term contact with the skin causes drying or cracking of the skin or even dermatitis.

#### If in eyes

Direct contact with the eyes may slightly irritate the eyes (watering, burning, even conjunctivitis).

#### If swallowed

Ingestion of the mixture may cause nausea, stomach and intestinal problems, abdominal pain.

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

With the usual use of the mixture and compliance with the instructions in the instructions for use, immediate medical help is not necessary. Special treatment is required if the symptoms reach a certain degree, according to the data in paragraphs 4.1 and 4.2; is symptomatic.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Light foam, multipurpose powders, CO<sub>2</sub>, water mist.

#### Unsuitable extinguishing media

Full stream of water. Splattered water can be used to cool packages near the fire.

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

Highly flammable liquid and vapor. Thermal decomposition at high temperatures or incomplete combustion may release dangerous decomposition products (CO<sub>x</sub>, thick smoke). Avoid inhalation of decomposition products. There is a risk of the package exploding when heated. Solvent vapors are heavier than air and can spread across the floor, where they can form an explosive mixture when mixed with air. There is a risk of re-ignition.

### 5.3. Advice for firefighters

Self-contained breathing apparatus, non-flammable emergency suit. Use non-sparking tools. Remove packaging from fire if you can do so without risk. Cool containers near fire with water spray or cover with foam. Combustion residues and water after intervention should be disposed of as hazardous waste.

## SECTION 6: Accidental release measures

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

Prevent the entry of unauthorized persons, mark, secure and isolate the escape area. Provide adequate ventilation, do not inhale the sprayed mixture or vapors. Eliminate possible sources of ignition, do not smoke, do not expose to direct sunlight. Use non-sparking tools, avoid electrostatic charge. Avoid contact with skin and eyes - use personal protective equipment.

### 6.2. Environmental precautions

Secure the area of the leak, catch the leaking mixture. Prevent leakage into sewers, soil, surface and groundwater by creating retention lagoons. Cover drains. In the event of a large liquid leak, monitor NPK or TLV concentrations and inform the relevant state authorities and stream or sewer managers.

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

In the event of a large leak, stop the leak and pump out the mixture if you can do so without risk. In the event of a small leak, cover with a suitable non-flammable sorbent (universal sorbent, sand, diatomaceous earth, soil, vermiculite, etc.), store the used sorbent in a closable waste container and dispose of it as hazardous waste. When handling, remove possible sources of ignition, use grounded equipment for handling. Wash the contaminated area.

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**6.4. Reference to other sections**  
See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Ensure sufficient ventilation of the work area. Prevent the formation of gases and vapors in flammable or explosive concentrations and concentrations exceeding the highest permissible concentration (NPK-P) for the working atmosphere. Avoid contact with open flames and other sources of ignition. Protect from direct sunlight. Use non-sparking tools. Take precautions against static electricity. The work area should be equipped with a source of potable water to provide first aid. The container with the mixture must remain closed and secure against overturning. Protect eyes and skin, use personal protective equipment according to sec. 8.

Observe the applicable health and safety legislation. Follow 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.

Prevent leakage into the environment.

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

Store tightly closed with the cap facing up in the original packaging at a temperature of up to 50 °C. Store away from heat sources. Protect from open flames and direct sunlight. Store in dry and well-ventilated places. Store away from strong acids and oxidizing agents. Store away from food, drink and feed. Follow the directions on the label. Follow the general regulations on the storage of combustibles. The warehouse should be equipped with a source of drinking water.

Content	Packaging type	Material of package
200 ml	aerosol can	FE

Storage class 2B - Aerosols  
Storage temperature max. 50 °C

**7.3. Specific end use(s)**  
not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Czech Republic

##### Government Regulation 330/2023 Coll.

Substance name (component)	Type	Value	Note
Gasolines (technical mixture of hydrocarbons) (CAS: 64742-49-0)	PEL	400 mg/m <sup>3</sup>	
	NPK-P	1000 mg/m <sup>3</sup>	
N,N-dimethyl-p-toluidine (CAS: 99-97-8)	PEL	5 mg/m <sup>3</sup>	in the substance can not be excluded serious late effects
	PEL	0,89 ppm	
	NPK-P	10 mg/m <sup>3</sup>	
	NPK-P	1,78 ppm	

#### DNEL

N,N-dimethyl-p-toluidine					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	128 µg/m <sup>3</sup>	Chronic effects systemic		
Workers	Dermal	624 µg/kg bw/24h	Chronic effects systemic		

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### PNEC

N,N-dimethyl-p-toluidine			
Route of exposure	Value	Value determination	Source
Drinking water	152.59 µg/l		
Freshwater sediment	45.378 mg/kg		
Water (intermittent release)	152.59 µg/l		
Marine water	15.259 µg/l		
Sea sediments	45.378 mg/kg		
Microorganisms in sewage treatment	4.286 mg/l		
Soil (agricultural)	18.677 mg/kg		

### 8.2. Exposure controls

Ensure sufficient ventilation, or extraction of the working space. In case of exceeding the NPK-P or risk of inhalation of vapors, use appropriate respiratory protection. Avoid contact with skin and eyes, do not inhale the sprayed mixture or vapors. Observe hygienic measures for working with chemicals. The work area should be equipped with sources of drinking water. Do not eat, drink or smoke while working. Wash your hands and face with lukewarm water and soap before breaks, meals and after work. Adapt personal protective equipment to the nature of the work.

#### Eye/face protection

Closed safety glasses or, depending on the nature of the work performed, a face shield.

#### Skin protection

Light protective workwear, antistatic footwear. Wash affected skin, remove contaminated clothing, wash before further use. Treat the skin with a protective cream. Protective gloves (eg: latex material > 0.12 mm). When choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test at a specific workplace before first use. Replace damaged gloves.

#### Respiratory protection

Respirator. In case of intensive or long-term load, or In the event of an accident, use a mask with a filter or a self-contained breathing apparatus.

#### Thermal hazard

Exposure to elevated temperatures may release vapors from the mixture.

#### Environmental exposure controls

Prevent leakage into sewers, underground and surface water and soil. Observe the usual environmental protection measures.

#### 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	colourless
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	Flammable Class I.
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	data not available
Kinematic viscosity	data not available

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Solubility in water	insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

VOC content (according to EU): < 100%  
 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

Extremely flammable aerosol. If the recommended method of use is followed, there is no risk of dangerous reactions.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

In contact with strong acids or oxidizing agents, a dangerous exothermic reaction may occur.

### 10.4. Conditions to avoid

At temperatures above 50 °C, contact with open flames, possible sources of ignition and hot surfaces, sparks, static electricity. Avoid exposure to direct sunlight. Protect from frost.

### 10.5. Incompatible materials

Strong acids, oxidizing agents

### 10.6. Hazardous decomposition products

Under normal conditions, the mixture does not decompose. Thermal decomposition at high temperatures or incomplete combustion may release dangerous decomposition products (COx).

## SECTION 11: Toxicological information

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

The mixture meets the criteria for classification according to EC Regulation No. 1272/2008. The mixture is classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended. Inhalation of solvent vapors above the exposure limits for the work environment can lead to acute inhalation poisoning depending on the level of concentration and duration of exposure. No toxicological data are available for the mixture.

#### Acute toxicity

The mixture is not classified as acutely toxic by any way of exposure.

N,N-dimethyl-p-toluidine					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	139 mg/kg		Mouse	
Dermal	LD <sub>50</sub>	>2000 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	1400 mg/m <sup>3</sup>	4 hours	Rat	

#### Skin corrosion/irritation

The mixture is classified as irritating to skin, category 2. It irritates the skin.

#### Serious eye damage/irritation

Based on the available data, the classification criteria are not met. Exposure to the mixture may cause eye irritation.

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.



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### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Carcinogenicity

The mixture is classified as carcinogenic, category 1B. Carcinogenic effects may be induced after exposure by inhalation, skin contact or ingestion.

### Reproductive toxicity

Based on available data, the classification criteria are not met.

### Toxicity for specific target organ - single exposure

The mixture is classified as toxic for specific target organs after single exposure, category 3. It can cause drowsiness, dizziness, the mixture has narcotic effects.

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

### Aspiration hazard

The mixture is classified as dangerous by inhalation, category 1. Ingestion of the liquid into the respiratory system during ingestion or aspiration of vomit during subsequent vomiting may cause bronchopneumonia or pulmonary edema.

## 11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. Inhalation of vapors can cause headaches, fatigue, drowsiness, malaise, even narcotic conditions, and in extreme cases even unconsciousness. Do not inhale the vapors of the mixture. It irritates the skin (redness, itching, burning). Direct contact with the eyes may slightly irritate the eyes (watering, burning, even conjunctivitis). Ingestion of liquid into the respiratory system during ingestion or aspiration of vomit during subsequent vomiting may cause bronchopneumonia or pulmonary edema. Ingestion of the mixture may cause nausea, stomach and intestinal problems, abdominal pain. Frequent or long-term contact with the skin causes drying or cracking of the skin or even dermatitis.

## SECTION 12: Ecological information

### 12.1. Toxicity

The mixture is toxic to environmental components. Prevent the liquid from leaking into sewers and underground or surface water.

### 12.2. Persistence and degradability

Data not available.

### 12.3. Bioaccumulative potential

Data not available.

### 12.4. Mobility in soil

Data for the mixture are not available.

### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 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

The mixture is highly toxic to aquatic organisms, fish and plankton. It must not get into the soil, underground or surface water or sewage system. Even a very small amount threatens drinking water sources. Observe the usual environmental protection measures.

## SECTION 13: Disposal considerations



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### 13.1. Waste treatment methods

Dispose of as hazardous waste. Hand over to an authorized person or to a hazardous waste collection yard for disposal. Do not flush down the drain or with municipal waste. Dispose of mixture and packaging residues in accordance with local waste management regulations.

#### 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

14 06 03\* other solvents and solvent mixtures

#### Packaging waste type code

15 01 11\* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers

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

## SECTION 14: Transport information

### 14.1. UN number or ID number

UN 1950

### 14.2. UN proper shipping name

AEROSOLS

### 14.3. Transport hazard class(es)

2 Gases

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

Yes.

### 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

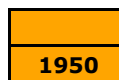
#### Additional information

Hazard identification No.

UN number

Classification code

Safety signs



5F

2.1+dangerous for the environment



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### Road transport - ADR

Special provisions	190, 327, 344, 625
Limited quantities	1 L
Excepted quantities	E0

### Packaging

Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2
Tunnel restriction code	(D)

### Special provision for

packages	V14
loading, unloading and handling operation	CV9, CV12 S2

### Railway transport - RID

Special provisions	190, 327, 344, 625
Excepted quantities	E0

### Packaging

Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2

### Special provision for

packages	W14
loading, unloading and handling	CW9, CW12

### Air transport - ICAO/IATA

Packaging instructions for limited amount	Y203
Packaging instructions passenger	203
Cargo packaging instructions	203

### Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
MFAG	620
Marine pollutant	Yes

## 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 ammended. 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.

## SECTION 16: Other information

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

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to blood system, the respiratory tract through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H301+H311	Toxic if swallowed or in contact with skin.

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

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P280	Wear protective gloves/protective clothing/eye protection.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 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

# SAFETY DATA SHEET

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) .

## NOVAX AKTIVÁTOR

Creation date	22nd October 2003	Version	16
Revision date	28th March 2024		

LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log K <sub>ow</sub>	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
Press. Gas (Comp.)	Gas under pressure: compressed gas
Press. Gas (Diss.)	Gas under pressure: dissolved gas
Press. Gas (Liq.)	Gas under pressure: liquefied gas
Press. Gas (Ref. Liq.)	Gas under pressure: refrigerated liquefied gas
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
Acute Tox.	Acute toxicity
Aerosol	Aerosol
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Flam. Gas	Flammable gas
Flam. Liq.	Flammable liquid
Press. Gas	Gases under pressure
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

### 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

### 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.