

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

- 1.1 Product identifier: Trade name: **MEGATUK® G9**
NSF No. 155147 category H1
- 1.2 Relevant identified uses of the substance or mixture and non-recommended uses: Lubricating grease
Not recommended use: Not specified. Not specified. Other use may expose the user to unforeseen risks.
- 1.3 Details of the supplier of the safety data sheet: Business name:
NOVATO spol. s r. o.
Headquarters: Uralská 6, 160 00
Praha 6 ID: 62910370 DIC:
CZ62910370
tel.: 233 339 688, 224 315 118; fax: 224 315 198
Contact person: Ing. Petr Johanides
petr.johanides@novato.cz
- Competent person responsible for the safety data sheet
Business name: **ABITEC, s.r.o.**
Headquarters: V háji 1183/22, 170 00 Prague 7
tel.: 296 792 223 mail:info@abitec.cz
Contact person: Ing. Vít Matějů
- 1.4 Emergency telephone number: **224 919 293, 224 915 402** (24 hours)
Toxicology Information Centre, Na Bojišti 1, Prague 2 E-mail: tis@vfn.cz

SECTION 2: HAZARD IDENTIFICATION

- 2.1 Classification of the substance or mixture:
The mixture is not classified as hazardous within the meaning of EC Regulation No 1272/2008, as amended.
Hazard data:
Most serious adverse physicochemical effects:
Imperfect thermal decomposition at high temperatures can release dangerous gases.
Most serious adverse effects on human health:
No risks to human health have been demonstrated when the recommended use is followed.
Most serious adverse effects:
The mixture is not classified as hazardous to the . Avoid leakage into drains, soil and groundwater or surface water. Follow the instructions for use to avoid risks to humans and the environment.
- 2.2 Elements of the
Signal Word label:
Not Pictograms:
None
Standard hazard statements: **none**
Instructions for safe handling: **none**
Additional information on the label:
Product identifier: **MEGATUK® G9** Lubricating grease For professional users only.
Mix supplier: **NOVATO spol. s r. o.**, Uralská 6, 160 00 Praha 6; tel.: 233 339 688, 224 315 118
- 2.3 Other hazards
The mixture and its components do not 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 established in accordance with Article 59(1) because endocrine disrupting properties, nor have they been identified as having 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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s.r.o.**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 Substances: not substance

3.2 Mixtures:

The contained components of the mixture do not exhibit hazardous properties nor do they contain substances for which exposure limits are set according to Annex 2, Reg. 361/2007 Coll., as amended, or according to the Union for the Working Environment.

SECTION 4: INSTRUCTIONS FOR FIRST AID

4.1 Description of first aid:

If you experience any health problems or if you are in doubt, see a doctor and provide him/her with the information in this safety sheet. In case of life-threatening conditions, resuscitate. Place the unconscious person in a stable position and do not administer anything by mouth. Prevent chills. Do not induce vomiting. In case of spontaneous vomiting, prevent inhalation of vomit.

If inhaled:

There is no risk of inhalation during normal use. Discontinue exposure, get fresh air. If respiratory irritation occurs, seek medical attention.

In contact with skin:

Wipe off the mixture, wash with lukewarm water and soap, rinse well. Remove clothing if contaminated.

In case of eye contact:

If the affected person has contact, remove them. Rinse the eyes wide open from the inner corner of the eye towards the outer corner with plenty of clean lukewarm water, especially the area under the eyelids. Rinse for 10 to 15 minutes and seek medical attention.

When ingested:

Leave the victim. Do not induce vomiting. Seek medical attention and present this MSDS.

4.2 The most important acute and delayed symptoms and effects

No risks to human health have been demonstrated when the recommended use is followed.

4.3 Instructions for immediate medical attention and special treatment

No immediate medical attention is required for normal use of the mixture.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Hasiva

Suitable extinguishing agents: the mixture is not flammable, adapt the extinguishing agents to the fire in the surroundings (foam, CO₂, powder). Unsuitable extinguishing agents: Full stream of water

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition at high temperatures or in case of fire can produce dangerous decomposition products (CO_x, hydrocarbons, etc.). Do not breathe thermal decomposition products.

5.3 Instructions for firefighters:

Adapt protective equipment to the nature of the fire (breathing apparatus, protective suit).

Other data:

Cool the endangered mixture containers with a water shower. Fire residues and contaminated water used for extinguishing must be disposed of separately.

SECTION 6: MEASURES IN THE EVENT OF ACCIDENTAL SPILLAGE

6.1 Measures to protect persons, protective equipment and emergency procedures

Prevent unauthorised persons from entering, secure the escape area. Avoid contact with skin and eyes - use personal protective equipment. Protect from heat and ignition sources. The area where the leak may be slippery. Take care of personal safety.

6.2 Environmental protection measures

Secure the spill area, prevent leakage into drains, soil, surface water and . In the event of a major spill, monitor concentrations of NPK or TLV and notify the relevant government authorities and the stream or sewer authority.

6.3 Methods and materials for containment and cleaning

Pick up the paste mechanically. In the event of a minor spill, wipe the mixture with a rag, place in a sealable waste container, label and dispose of according to local waste disposal regulations.

6.4 Link to other sections:

See section 8 for recommended personal protective equipment. Dispose of unused mixture according to section 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling:
Ensure sufficient ventilation of the work area. Follow the recommendations in the instructions for use. Ensure direct contact of the mixture with eyes and skin, use personal protective equipment according to section 8. Do not approach with open flames and ignition sources.
Observe the applicable and safety legislation. Observe the principles of hygiene when working with chemicals, do not eat, drink or smoke while working. Wash your hands with warm water and soap before breaks, meals and after work. Keep in original containers.
- 7.2 Conditions for the safe storage of substances and mixtures, including incompatible substances and mixtures:
Store in original packaging in dry, well-ventilated areas. Store away from sources of heat. Store separately from oxidizing agents.
Store away from food, drink and feed, out of reach of children.
Follow the instructions on the label.
Packaging material: Plastic
Recommended material for tanks and pipes: steel, stainless steel, Teflon, HDPE, HDPP. Quantitative limits at given storage conditions: n.a.
- 7.3 Specific end use: not specified

**SECTION 8: EXPOSURE LIMITATION / PERSONAL PROTECTIVE EQUIPMENT**

- 8.1 Control parameters:
The mixture does not contain components with national exposure limits according to Annex 2, Government Regulation 361/2007 Coll., as amended, or according to the Union for the Working Environment.
- 8.2 Limiting exposure:
Ensure sufficient ventilation or extraction of the work area. In case of exceedance of the NPK-P, use suitable respiratory protection. Avoid contact with eyes and skin. Observe hygiene precautions for working with chemicals. Do not eat, drink or smoke while working. Wash hands with lukewarm soap and water before breaks, meals and after work.
Adapt personal protective equipment to the nature of the work.
- Eye and face protection:
Protective eyewear.
 - protection:
Protective work suit. Remove the stained clothing, wash before further use.
 - Hand protection:
Protective gloves (material e.g. nickel rubber). When selecting, follow the manufacturer's recommendations. Test in a specific workplace before first use, as this is a mixture of several substances. Replace damaged gloves.
 - protection:
Not necessary. Respiratory protection is recommended in case of aerosol or mist formation (A/P2 filter).
 - Thermal hazards:
Undetermined.
- Limiting environmental exposure
Take the usual precautions to protect the .

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on the basic physical and chemical properties of the
- | | |
|-----------------------------------------------------------------|---------------------------------|
| Group: | Solid - paste |
| Colour: | White |
| The smell: | Odourless |
| Melting/freezing point: | Undetermined |
| Boiling point or initial boiling point and boiling point range: | |
| Undetermined Flammability: | The mixture is not flammable |
| Explosive limits: lower limit: | data not available |
| | Upper limit: Data not available |
| Flash point: | Not applicable |

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Autoignition temperature: The mixture is not self igniting
Decomposition temperature: > 250 °C
pH: Undetermined
Kinematic viscosity at 40 °C): no data available
Solubility:
In water - insoluble
In fats - undetermined
Partition coefficient *n-octanol/water*: Not determined
Vapour pressure (at 20 °C): Not determined for the mixture
Relative density (at 20 °C): 1,03 (water 1,0)
Relative vapour density: Not determined
Particle characteristics: Not applicable to liquids or gases

- 92 Additional information: 0 % VOC content
Explosive properties: the mixture does not exhibit explosive properties.
Oxidising properties: The mixture is not classified as oxidising.

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:
Under normal conditions, the mixture does not exhibit hazardous reactions.
- 10.2 Chemical stability:
The mixture is stable under normal environmental, storage and handling conditions.
- 10.3 Possibility of dangerous reactions:
The mixture does not exhibit hazardous reactions when the instructions for use are followed.
- 10.4 Conditions to be avoided:
Elevated temperatures, open flames, electrostatic build-up.
- 10.5 Incompatible materials:
Oxidizing agents.
- 10.6 Hazardous decomposition products:
Under normal conditions, the mixture does not decompose. Imperfect combustion or thermal decomposition produces toxic combustion products: CO_x, hydrocarbons, etc.
Other information.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:
The toxicological effects of the mixture itself have not been assessed. Due to the properties of the mixture, it is practically non-toxic acutely (LD50, oral (CAS 13463-67-7): > 5 000 mg/kg (rat).
Acute toxicity:
Based on the available data, the criteria for classification are not met.
corrosion/irritation:
Based on the available data, the criteria for classification are not met.
Serious eye damage/irritation:
Based on the available data, the criteria for classification are not met.
Respiratory/skin sensitization:
Based on the available data, the criteria for classification are not met.
Mutagenicity in germ cells:
Based on the available data, the criteria for classification are not met.
Carcinogenicity:
Based on the available data, the criteria for classification are not met.
Reproductive toxicity:
Based on the available data, the criteria for classification are not met.
Specific target organ toxicity - single exposure:
Based on the available data, the criteria for classification are not met.

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Specific target organ toxicity - repeated exposure:
Based on the available data, the criteria for classification are not met.

Inhalation hazard:
Based on the available data, the criteria for classification are not met.

- 11.2 Information on other hazards:
It does not contain substances causing endocrine disruption.
May cause mild eye irritation (watering, burning, itching) if rubbed into the eyes. Ingestion of liquid may cause abdominal pain.

SECTION 12: ENVIRONMENTAL INFORMATION

The ecotoxic effects of the mixture itself have not been assessed.
Avoid leakage into drains and groundwater or surface water.

- 12.1 Toxicity Due to the properties of the components of the mixture, it is not classified as hazardous to the environment.
Titanium dioxide CAS 13463-67-7):
LC50 (96 h):> 100 mg/l (*Oncorhynchus mykiss*)
EC50 (48 hours):> 100 mg/l (*Daphnia magna*)
- 12.2 Persistence and degradability Undetermined
- 12.3 Bioaccumulation potential Undetermined, bioaccumulation .
- 12.4 Mobility in soil Data not .
- 12.5 Results of PBT and vPvB assessment Not performed
- 12.6 Endocrine disrupting properties: These substances are not present.
- 12.7 Other adverse effects Prevent leakage into soil, groundwater or surface water or sewage. Take the usual precautions to protect the .

SECTION 13: DISPOSAL INSTRUCTIONS

- 13.1 Waste management methods
Disposal of residues of the mixture and packaging must be carried out in with local waste regulations. Hand over to an authorised person for disposal. Do not dispose of with waste. Prevent from entering drains or watercourses.
Possible waste catalogue number: Unconsumed mixture 12 01 12
Classification according to the Waste Catalogue shall be made by the waste producer according to the characteristics of the waste at the time of generation.
Appropriate disposal methods for contaminated packaging Dispose of as hazardous waste.
Contaminated packaging 15 01 02
National provisions on waste:
Waste Act No. 541/2020 Coll. as amended. Act No. 477/2001 Coll., on Packaging, as amended.

SECTION 14: TRANSPORT INFORMATION

The mixture is not classified as hazardous for transport (ADR/RID, IMDG, ICAO/IATA). Precautions for transport:

Transport in packaging appropriate to the properties of the mixture.

- 14.1 UN number or ID number Not specified
- 14.2 Official (UN) name for transport Not specified
- 14.3 Hazard class(es) for transport Not specified
- 14.4 Packaging group Not specified
- 14.5 Environmental hazard Not determined
- 14.6 Special precautions for users Not specified
- 14.7 Maritime bulk transport according to IMO instruments Not specified

SECTION 15: INFORMATION ON REGULATIONS

- 15.1 Safety, health and environmental regulations/specific legislation relating to the substance or mixture:
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP), as amended

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- Regulation (EC) No.1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended, including implementing regulations.
- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

National regulations relating to the protection of persons or the environment

Protection of persons:

- Labour Code No. 262/2006 Coll., as amended
- Act No. 258/2000 Coll. on the Protection of Public Health, as amended
- Decree establishing hygienic limits of chemical, physical and biological indicators for the indoor environment of living rooms of certain buildings No. 6/2003 Coll.
- Government Decree No. 9/2013 Coll., laying down conditions for occupational health protection, as amended

Environmental protection

- Air Protection Act No. 172/2018 Coll., as amended.
- Waste Act No. 541/2020 Coll. as amended.
- Act No. 477/2001 Coll., on packaging, as amended
- Act No. 113/2018 Coll., Act No. 254/2001 Coll., on Water and on Amendments to Certain Acts (Water Act), as amended, and Act No. 388/1991 Coll., on the State Environmental Fund of the Czech Republic, as amended

Fire regulations

- Act . 133/1985 Coll., on Fire Protection, as amended
- Decree on Fire Prevention No. 221/2014 Coll., as amended

Note: The information given is only indicative of the basic regulations in this MSDS. Please note that there may be additional regulations supplementing these regulations. Reference is made to all applicable national, international, and local codes and regulations.

15.2 Chemical safety assessment

No chemical safety assessment has been prepared for this mixture.

SECTION 16: FURTHER INFORMATIONShelf life: 48 months from the date of manufacture. NSF
registration: NSF No. 155147, category H1

List of H phrases in the safety data sheet: None List of

abbreviations used in the safety data sheet

PBT - persistent, bioaccumulative and toxic

vPvB - very persistent and very bioaccumulative NPK

- maximum permissible concentration

TLV - [threshold limit value] limit value of the permitted concentration of a pollutant

ADR - Agreement on Dangerous Goods by Road - Europe

IATA - International Air Transport Association ICAO -

International Civil Aviation Organization

IMDG - International Maritime Code for Dangerous Goods

RID - Regulations Concerning the International Transport of Dangerous Goods by Rail

The mixture should not be used for any purpose other than that for which it is intended (see section 1.2). Since 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 product information.

Guidelines for training:

Pursuant to Sections 103 and 104 of Act No. 262/2006 Coll., the Labour Code, as amended. Sources

of the most important information: manufacturer's data and toxicological databases.

Contact point for technical information see section 1.3 of this safety data sheet

Changes from the previous edition: adaptation of BL to the updated Annex II of REACH. Classification of the mixture in accordance with the supplier's BL.

Statement:

The safety data sheet contains the information necessary to ensure occupational health and safety and environmental protection. The information given is in accordance with the current state of knowledge and experience and with the applicable legislation. 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.