



ВМПАВТО
Инновации в смазках

ООО "ВМПАВТО" 198099 РОССИЯ, САНКТ-ПЕТЕРБУРГ, УЛ. ПРОМЫШЛЕННАЯ Д. 40 А,
ТЕЛ./ФАКС +7 (812) 601 05 50 /601 05 59 WWW.SMAZKA.RU
ИНН-7814069526 КПП-780501001 ОКПО-45540231
ОГРН-1027807581372

Material safety sheet

Grease MC-1610 Magma

Revision Date: 08.04.2020

I – PRODUCT AND COMPANY IDENTIFICATION

Product Name	Grease MC 1610 Magma
Field of application	High-temperature lastic grease for heavy-duty slow-speed units
Manufacturer	VMPAUTO LLC
Address	198095, Promyshlennaya St., 40A St. Petersburg, Russia
Phone/fax: E-mail	+7 (812) 601-05-50 / 601-05 59, export@vmpauto.com

II – HAZARD IDENTIFICATION

Classification	The cargo is not dangerous as specified in TU 0254-035-45540231-2012
Health hazard	Does not pose a threat to health under normal conditions of use.
Environmental hazard	Not classified as an environmentally hazardous substance.

III – COMPOSITION (INFORMATION ON COMPONENTS)

Chemical composition	The product is a lubricating grease with an inorganic thickener
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Product	Chemical name of component	Mass fraction, %	CAS-Number
MC 1610	I-40 oil	60	64742-62-7
	Dialkyl dithiophosphates	5	68649-42-3
	Kaolin	30	1332-58-7
	Graphite	5	7782-42-5

IV – FIRST AID MEASURES

General Information	Does not pose a health hazard under normal conditions of use.
Eyes	Rinse eyes with plenty of water for 15 minutes. If irritation persists consult a physician.
Skin	Remove contaminated clothing. Wash contaminated skin with soap and water. with plenty of water. General Information. No medical attention is required under normal conditions of use.
Respiratory system	Get fresh air. If breathing is difficult, seek medical attention..
Digestive system	Generally does not require treatment, except for accidental ingestion of large quantities of product. However, seek medical advice.

V- MEASURES AND MEANS OF ENSURING FIRE AND EXPLOSION SAFETY



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Firefighting equipment	Firefighting equipment that does not support fire (sand, crampons, water, chemical foam, dry powder, etc.) is used.
Special hazards	Risk not defined
Prohibited means	Do not use water in the form of a jet
Personal protective equipment	Protective suit, respirator, insulating gas mask.
VI- MEASURES TO PREVENT AND ELIMINATE ACCIDENTS AND EMERGENCIES	
Cover spilled product with sand, clay or other inert material and collect mechanically. Dispose of properly. Do not allow the product to reach drinking water sources, water bodies, cellars, sewers and soil.	
VII- RULES OF STORAGE AND HANDLING OF CHEMICAL PRODUCTS DURING LOADING AND UNLOADING OPERATIONS	
General safety measures	Under normal use, the product is stable and does not require special protective equipment. The product belongs to the class of difficult-to-flame and low-toxic products.
Handling	Not required when used properly.
Storage	Use rubber gloves.
Recommended materials	Not required when used correctly.
Incompatible materials	Not required when used correctly.
VIII- HAZARDOUS EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT	
General Information	Under normal use, the product is stable and does not require special protective equipment. The product belongs to the class of difficult-to-flame and low-toxic products.
Respiratory protection	Not required when used correctly.
Eye protection	Not required under proper use.
Skin protection	Not required when properly used.
Hand protection	Use rubber gloves.
IX – PHYSICAL AND CHEMICAL PROPERTIES	
Physical condition	Homogeneous liquid
Color	Black
Dropping point, °C	Over 369 °C
Water content, %	Absent



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Penetration at +25 0C	265-295
Colloidal stability, % of separated oil, not more	5,0
Solubility in water	Insoluble
Flammability	Not flammable
Oxidizing properties	None
X – STABILITY AND REACTIVITY	
Chemical stability	The material is stable under normal conditions of use and storage.
Polymerization hazard	Not dangerous
Incompatibility	With strong oxidizing agents
Hazardous decomposition products	No hazardous products are expected to form under normal storage conditions decomposition is not expected.
XI – TOXICITY INFORMATION	
The product is classified as hazard class IV (low hazardous substances according to Gost 12.1.007). GOST 12.1.007).	
Skin irritation	Mild irritation
Eye irritation	Mild irritation
Other toxicological information	The information is based on the properties of the raw material. No proven carcinogenic or mutagenic properties.
XII – ENVIRONMENTAL INFORMATION	
Ecotoxicological data have not been obtained specifically for this product. The information given is based on knowledge of the properties of the components and the results of ecotoxicological studies of similar products.	
Acute toxicity	The product is considered to be practically non-toxic. Mineral oil has no chronic effect on aquatic organisms at concentrations of less than 1 mg/l. It has a weak toxic effect on fish and microflora of water bodies. In water and in the air in the presence of other substances toxic compounds do not form does not form toxic compounds.
Mobility	The product does not mix with water. In case of contact with soil it is absorbed by its particles.
Persistence	The product does not mix with water. It is absorbed by soil particles.
Bioaccumulation	The product is not rapidly biodegradable. The main components are biodegradable, but the product contains non-biodegradable substances.



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Other effects	The product does not mix with water. In case of contact with soil it is absorbed by its particles.
Environmental protection is ensured during production by hermetically sealed process equipment. There is no liquid or solid waste.	
XIII – RECOMMENDATIONS ON WASTE (RESIDUES) DISPOSAL	
Place waste (residue) in a clearly labeled container for later disposal or recovery. Any waste disposal methods must comply with all local and national laws and regulations. Do not dispose of in sewers, on the ground, or in any body of water.	
XIV – INFORMATION DURING TRANSPORTATION (CONVEYANCE)	
Transportation properties UN number Hazard Class	Not classified as dangerous goods. N/A N/A
ADR/RID (Road Transport) IMDG (Maritime Transport) IATA (Air Transport)	Not subject to ADR/RID regulations Not subject to IMDG specifications Not subject to IATA regulations
XV – NATIONAL AND INTERNATIONAL LEGISLATION	
Laws of the Russian Federation: "On Technical Regulation"; "On Environmental Protection"; "On Sanitary and Epidemiological Welfare of the Population. It is not subject to international conventions and agreements.	
XVI – ADDITIONAL INFORMATION	
The content and form of this document comply with the requirements: 1. GOST 30333-2007 "Safety data sheet for chemical products. General requirements". 2. GOST 12.1.007-76 "Harmful substances. Classification and general safety requirements". 3. GOST 12.1.005-88 "General sanitary and hygienic requirements for the air of the working zone". 4. GN 2.1.5.1315-03 "Maximum permissible concentrations (MPC) of chemical substances in the water of water bodies of household drinking and cultural and domestic water use". 5. GOST 19433-88 "Dangerous cargoes. Classification and labeling". The information in this Safety Data Sheet corresponds to the current level of our knowledge about the product. The product is applied and used in accordance with this advice. The information in this Safety Data Sheet does not constitute a workplace instruction. The information contained herein should be made available to all potential users of this product. Recommendations for Use: This product is intended for use as a thread sealing compound as specified in the instructions on the thread sealing package. Data: Abbreviation: N/A = not determined; N/D = not determined.	
For more information about the product please contact the sales department of VMPAUTO LLC tel/fax: +7 (812) 601 05 50.	