

MATERIAL SAFETY DATA SHEET



MAGYAR PERLIT KFT

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In accordance with the 453/2010 EU direction:

Date of issuance: 10.04.2015.

Revised: 20.03.2016

1.	Basic data of material and the company	
1.1.	Product identification:	
	Commercial name:	Filter perlite
	Type:	F-1000T-F-900T-F800T-F-650T-F400T-F15T F-10-F-250-F-340-F-400
1.2.	Application or potential misuse	
	Application:	Filter aid material of wine, cooking oil, fruit juices or medicine raw materials filtration.
	Misuse:	N.a.
1.3	Identification of the company:	
	Producer and distributor:	MAGYAR PERLIT Kft.
	Address:	1124 Budapest, Apor Vilmos tér 25-26.
	Phone no:	06-1-309-6641
	e-mail:	info@magyarperlit.hu
	Plant address:	8132 Lepsény, Szondi György u. 0124/6 hrsz.
	Phone:	06-1-309-6641
	e-mail:	info@magyarperlit.hu
1.4	Service in case of urgency:	
	- Health and Toxicology Service (ETTSZ) 1096 Bp., Nagyvárad tér 2. T:06-1-476-6464 - Greenline (0-24) 06-80-201-199	

2.	Danger	
2.1.	Classification according to danger:	
	According to 1272/2008/EK (CLP) direction the material is not dangerous	
2.2.	Labelling:	
	Illustration: not necessary, Warning: not necessary H-references of the product: H318 danger of serious eye injury P-references of measures of precaution: P102 To be closed from children P305, P351, P338 In case of contact with eye: flush with water extensively, remove contact lenses, continue flushing P 313 medical assistance is required	
2.3.	Other dangers:	
	No information with PBT, or vPvB material No physical or chemical danger	

3.	Ingredients	
3.1.	Materials:	
	Volcanic, natural stone with no contamination	
	CAS number:	93763-70-3, 130885-09-5

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REACH registration number:	According to REACH directive (V. appendix 6. point) not liable for registration
3.2. Blends:	--

4.	First aid
4.1.	Measures of first aid: In case of first aid protecting equipment is not necessary
Inhalation:	breathe fresh air, involve medical advice if necessary
Contact with skin:	Immediately wash down with plenty of water
Contact with eyes:	Extensively flush out with plenty of water, involve medical advice
In case of ingestion:	Involve medical advice immediately and show the packaging
4.2	Main immediate or delayed effects, symptoms: --
4.3	The necessary immediate medical treatment and its marking: --

5.	Fire service measures
5.1.	Slaking material: The material is not flammable. Applied material in case of fire: water, foam, carbon-dioxid
Restricted slaking material:	None
5.2.	Special dangers of the material: None
5.3.	Special slaking information: Full protecting clothing and respirator is necessary

6.	Measures in case of accidental events
6.1.	Personal protecting measures, equipment and procedures: In the place of accident trained personnel can stay only with necessary protecting equipment
6.2.	Environmental precaution measures: Materials in the environment should be treated according to environmental regulations in place. The effused materials are prohibited to get into natural water, sewage system lands. Dust generation should be prevented.
6.3.	Method and materials of area blocking and decontamination: The effused containing material should be collected and stored in a labelled, closed vessel until disposal. During disposal and collection personal protecting equipment is necessary. Collection can be made mechanically.

7.	Handling and storage
7.1.	Measures for safety handling: Strictly follow the instructions of the section 8. Avoid effusion of the material. Avoid contact with eye, skin and ingestion. Basic hygienic actions are necessary. Cleaning method should avoid dust generation.
7.2.	Conditions of safety storage: The product can be stored only in original, closed labelled sacks. Storage in dry place with appropriate ventilation and cleaning. No special prescription for packaging material. Sacks to be stabilized, avoiding slide slipping. Incompatible material or product: none
7.3	Dedicated end-use: To be found on Product Data Sheets.

8.	Control of special event / personal protection
8.1.	Control parameters:

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Employment special event limits:	name: perlite CAS: 93763-70-3 8 hours (AK) 6 [mg/m ³]
8.2. Control of special event:	
Appropriate technical control	Working should be made carefully. Dust contact with eyes, skin, mouth and cloths should be prevented.
Control of environmental special event:	--
Personal precautionary measures, equipment :	
Protection of respiration:	Mask with P2 filter (in case of dust exposition exceeding limits)
Protection of eyes, face:	Closed glasses, preventing from dust and moisture
Protection of skin, body:	working clothes and shoes according to regulations
Protection of hands:	protecting gloves
Hygienic measures:	In case of contact with eyes, body an extensive flushing is necessary. During work smoking is prohibited! Basic hygienic procedures should be kept !

9. Physical and chemical information:	
9.1 Basic physical and chemical features of the material:	
aggregate:	solid
color:	white, grey-white
appearance:	dust coming from milled grains
odor:	none
PH-range:	6,5-7,5 neutral
melting point	not applicable
ignition point	not applicable
ignition temperature:	not flammable
oxygenation characteristic:	not oxygenating
explosion characteristic:	not exploding
steam pressure:	not typical
relative density:	loose density 60-120 g/l
solubility in water	not solvent
decomposition temperature	--
viscosity:	--
inflammability:	not flammable
self-inflammable temperature	not self-inflammable
steam density	--

10. Stability and reactivity	
10.1 reactivity	none in case of normal usage
10.2. chemical stability	the material is stable in normal circumstances
10.3. potential dangerous reactions	none
10.4. other harmful circumstances	none, but meeting with humidity is to be avoided
10.5 incompatible materials	none
10.6 dangerous decomposition products	none

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11. Toxicological data	
11.1. Information about toxicological effects	
Database of registered materials, ECHA webpage	
Acute toxicity through skin, mouth:	n.a.
Irritation of skin	--
Irritation of eyes	--
Carcinogenic effect	n.a.
Reproductive toxicity	not teratogenic, neutral for fertility
Germinal-mutagenity	negative
Respiratory or skin sensibility	n.a.
Classification:	not classified as a dangerous material

12. Ecological information	
12.1. Toxicity:	n.a.
12.2. Persistency and degradability	n.a.
12.3. Bioaccumulativity	not bioaccumulative
12.4. Mobility in soil	n.a.
12.5. Results of PBT and vPvB verification	the material does not reach the criteria
12.6. Other harmful effects	n.a.

13. Disposal information	
13.1. Disposal:	After use to be treated as a rock flour according to regulations EWC 10 13 06 solid grain and dust (except 1 13 12 és 10 13 13) Dispose with communal waste or into a sewage system .
13.2. Disposal directions:	98/2001(VI.15.) Government direction and 16/2001 (VII.18) Direction of Ministry of Environment
13.3. Contained packaging	Immediately to be disposed with regard to 8.2 point

14. Delivery information	
14.1. Continental delivery:	RID / ADR: not dangerous product
14.2. Delivery by sea:	not dangerous product
14.3. Delivery by air	not dangerous product
14.4. Delivery risk classification	--
14.5. Environmental risk	--
14.6. Special precaution measures:	--

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15. Information on regulation		
15.1.	Safety, health, environmental directions and regulation concerning this specific material	<p>1907/2006/EK (REACH) directive on registration, authorization and restriction of chemical materials</p> <p>453/2010/EU directive (REACH II. appendix) on necessary MSDS content</p> <p>1272/2008/EK (CLP) directive on classification, and labelling of materials and blends</p> <p>286/2011/EU directive (modification of CLP directive), on adjustment to technical and scientific development</p> <p>2000./ XXV. law on chemical safety</p> <p>44/2000. (XII. 27.) directive of Ministry of Health</p> <p>25/2000. (IX. 30.) directive of Ministry of Health on chemical safety of workplaces</p> <p>1996./ XXXI. law on fire service and security</p> <p>306/2010. (XII. 23.) Government directive on the Air Protection</p> <p>2000./ XLIII. law on Waste Disposal</p> <p>94/2002. (V.5.) Government directive on packaging and disposal of packaging waste</p> <p>98/2001. (VI. 15.) Government directive and 16/2001. (VII. 18.) directive of Ministry of Environment on Hazardous Waste</p> <p>220/2004 (VII. 21.) Government directive on Water Contamination</p> <p>1993./ XCIII. law on Security of Workplaces</p>
	Authorization or restriction of usage	--
15.2	Chemical Security Assessment (CSA)	n.a.

16. Other information	
References: ECHA webpage, database of registered materials	
Abbreviations:	
PBT: persistent, bioaccumulative and toxic material	
vPvB: very persistent very bioaccumulative	
The data and information listed above are based on our existing knowledge. The content of this MSDS does not generate any legal obligation of producer of the product/material. All other rules and regulation have to be strictly followed on all user's responsibility.	
MSDS made by:	
MAGYAR PERLIT Kft. Head Office	