

MATERIAL SAFETY DATA SHEET

According to Regulation (EU) No 830/2015

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : VALMA METALLIC WAX
Product code : L54
Application : SU21 Consumer product Car maintenance
Supplier : Turtle Wax Benelux B.V.
Wageningseleen 6
3903 LA Veenendaal, The Netherlands
Telephone : +31 318 54 65 65
Fax : +31 318 54 65 75
E-mail : msds@turtlewax.ltd.uk
Website : www.valma.eu

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : +31 318 54 65 65

(During office hours only)

2 HAZARDS IDENTIFICATION

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Classification (99/45/EC) : Not classified as dangerous according to statutory EC-Directives.
CLP classification (1272/2008/EC) : Not classified as dangerous according to Regulation (EC) No 1272/2008.

Human health hazards : Low hazard for usual industrial or commercial handling.
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.
Other information : Keep out of the reach of children.

Label elements (99/45/EC):

Hazard symbols : None.

R- and S-phrases : None.

Label elements (1272/2008/EC):

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : None.

3 COMPOSITION / INFORMATION ON INGREDIENTS

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Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Symbols	R-phrases
Kaolin	5 - 10	1332-58-7	310-194-1	-----	-----

Substance(s) with an Occupational Exposure Limit are marked with #. Occupational exposure limit(s) are listed in section 8.

Substance name	REACH nr.	Hazard Class	Pictograms	H-phrases
Kaolin		-----	-----	-----

4 FIRST AID MEASURES

Effects and symptoms

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Inhalation : No specific effects and/or symptoms are known.
Skin contact : No specific effects and/or symptoms are known.
Eye contact : May cause stinging of eyes and redness.
Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

First aid measures

Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up.
Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

5 FIREFIGHTING MEASURES

Extinguishing media

Suitable : Carbondioxide (CO2). Foam. Dry chemical. Water fog.
Not suitable : None known.

Special exposure hazards : None known.

Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. For guidance on selection of personal protective equipment see section 8. For guidance on disposal of spilled material see section 13.
Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. Large spills: contain with dike.
Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

7 HANDLING AND STORAGE

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with skin and eyes.
Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C).
Recommended packaging : Keep only in the original container.
Use : Use only as directed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
Hygienic measures : When using do not eat, drink or smoke.
Occupational exposure limits : Occupational exposure limits have not been established for this product.

Occupational exposure limits (mg/m³):

Chemical name	Country	TWA 8 hour (mg/m ³)	STEL 15 min (mg/m ³)	Comments
Kaolin	GB	2	-	Respirable dust

Personal protective equipment:

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The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

- Body protection : Use of specific protective industrial clothing is not required under normal conditions of use.
- Respiratory protection : Take care of sufficient ventilation.
- Hand protection : Under normal conditions of use specific gloves are not required.
- Eye protection : Wear appropriate safety glasses when there is danger of possible eye contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

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- Appearance : Liquid.
- Colour : Grey.
- Odour : Perfumed.
- Odour threshold : Not known.
- pH : 9
- Solubility in water : Dispersible.
- Partition coefficient (n-octanol/water) : Not known.
- Flash point : > 100 °C (PMcc)
- Auto ignition temperature : > 244 °C
- Boiling point/boiling range : 100 °C
- Melting point/melting range : 0 °C
- Explosion limits (in air) : Not applicable.
- Oxidising properties : Not applicable.
- Decomposition temperature : Not known.
- Viscosity (20°C) : 8000 mm²/sec (1 mm²/sec = 1cSt)
- Viscosity (40°C) : Not known.
- Vapour pressure (20°C) : Not known.
- Vapour density (20°C) : Not known. (air = 1)
- Relative density (20°C) : 1,03 g/ml
- Evaporation rate : Not known. (n-butyl acetate = 1)

10 STABILITY AND REACTIVITY

- Stability : Stable under normal conditions.
- Conditions to avoid : See section 7.
- Materials to avoid : No specific recommendations.
- Hazardous decomposition products : Not known.
- Reactivity : No other hazardous reactions known.

11 TOXICOLOGICAL INFORMATION

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No toxicological research has been carried out on this product.

Inhalation

- Acute toxicity : Calculated LC50: 10 mg/l. Ingredients of unknown toxicity: 13 %. ATE: > 5 mg/l.
- Corrosion/irritation : No specific effects and/or symptoms are known.
- Sensitisation : Does not contain respiratory sensitisers. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: 5 %. ATE: > 2000 mg/kg.bw.

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Corrosion/irritation	: No specific effects and/or symptoms are known.
Sensitisation	: Does not contain skin sensitisers. Not classified - based on available data, the classification criteria are not met.
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.
Eye contact	
Corrosion/irritation	: Slight irritation possible.
Ingestion	
Acute toxicity	: Calculated LD50: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
Corrosion/irritation	: May cause a feeling of sickness, vomiting and diarrhoea.
Carcinogenicity	: Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

12 ECOLOGICAL INFORMATION

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No ecotoxicological research has been carried out on this product.

Ecotoxicity	: Not classified as dangerous for the aquatic environment. Calculated LC50 (fish): 1349 mg/l. Calculated EC50 (waterflea): 1105 mg/l. Contains 5 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.
Mobility	: Spilled product can penetrate into the ground and get into the surface water and ground water.
Persistence – degradability	: No specific information known. The surfactants contained in this preparation do not comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents. This product shall not be used in cleaners.
Bioaccumulative potential	: Contains bioaccumulating substances.
Other information	: Not applicable.

13 DISPOSAL CONSIDERATIONS

Product residues	: Do not dispose empty pack with waste produced by households. Containers should be recycled or re-used. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.
Additional warning	: None.
Waste water discharge	: Avoid discharge of waste water arising from tank cleaning to the environment.
Local legislation	: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14 TRANSPORT INFORMATION

UN nr.	: None.
Transport name	: Not regulated.
ADR/RID (road / railway)	
Class	: This product is not classified according to ADR/RID.
IMDG (sea)	
Class	: This product is not classified according to IMDG.
Marine pollutant	: No
IATA (air)	
Class	: This product is not classified according to IATA.

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Other information : Country specific variations may apply.

15 REGULATORY INFORMATION

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Community regulations : Regulation (EC) No 1907/2006 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.
: This product need not be classified under statutory EC-regulations.

Additional labelling: none.

Other information : Not applicable.

16 OTHER INFORMATION

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The information in this safety data sheet is compiled in compliance with Regulation (EC) 1907/2006 dated 18 December 2006 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of R-phrases mentioned in section 3: Not applicable.

Full text of H-phrases mentioned in section 3: Not applicable.

Number format : "," used as decimal separator.

History

Date of first issue : 28-12-1999

Date of second issue : 23-06-2002

Date of third issue : 06-11-2006

Date of fourth issue : 17-04-2012

Herewith all previous issues are expired.