

MATERIAL SAFETY DATA SHEET

According to Regulation (EU) No 830/2015

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

Product name : COMMANDANT RUBBING COMPOUND NR. 3
Product code : C35
Application : SU21 Consumer product Car maintenance
Supplier : Turtle Wax Benelux B.V.
Wageningsesteen 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)

EMERGENCY TELEPHONE NUMBER (for DOCTORS only):

(24/7)

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) : Serious eye damage, category 1.

Human health hazards : Causes serious eye damage.

Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives. Combustible.

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 :

Signal word : Danger

H- and P-phrases : H318 Causes serious eye damage.
P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P338
P310 Immediately call a POISON CENTER/doctor.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Product description : Mixture.

Information on hazardous substances:

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Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Symbols	R-phrases
Isotridecanol, branched, ethoxylated	1 - 5	69011-36-5	-----	Xn	22-41
Distillates (petroleum), hydrotreated light	5 - 10	64742-47-8	265-149-8	Xn	65-66
Propane-1,2-diol	1 - 5	57-55-6	200-338-0	-----	-----
Methanol	1 - 3	67-56-1	200-659-6	F; T	11-23/24/25-39/23/24/25
Aluminium oxide	25 - 50	1344-28-1	215-691-6	-----	-----

Reference is made to chapter 16 for full text of each relevant R phrase. 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
Isotridecanol, branched, ethoxylated		Acute Tox. 4; Eye Dam. 1	GHS05; GHS07	H302; H318
Distillates (petroleum), hydrotreated light		Asp. Tox. 1	GHS08	H304; EUH066
Propane-1,2-diol	01-2119456809-23	-----	-----	-----
Methanol	01-2119433307-44	Flam. Liq. 2; Acute Tox. 3; STOT SE 1	GHS02; GHS06; GHS08	H225; H331; H311; H301; H370
Aluminium oxide		-----	-----	-----

Reference is made to chapter 16 for full text of each relevant H phrase.

4 FIRST AID MEASURES

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness.
- Skin contact : No specific effects and/or symptoms are known.
- Eye contact : Strongly irritant. May cause redness and severe pain.
- 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 : Water jet.

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. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.
- Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. Large spills: contain with dike.

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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. Do not breathe vapour. Avoid contact with skin and eyes.
Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C). Keep away from oxidizing agents.
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
Distillates (petroleum), hydrotreated light		1200	-	CEFIC-HSPA
Propane-1,2-diol	GB	474	-	Total Vapour and Particulates
Propane-1,2-diol		474	-	MAC UK: Total Vapour and Particulates
Methanol	GB	266	333	Skin
Methanol	EC	260	-	Skin
Methanol		260	-	EU
Aluminium oxide	GB	10	-	-

Personal protective equipment:

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. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.
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 : Off white.
Odour : Characteristic.
Odour threshold : Not known.
pH : 10
Solubility in water : Not soluble.
Partition coefficient (n-octanol/water) : Not applicable.
Flash point : > 60 °C (PMcc)
Auto ignition temperature : > 360 °C
Boiling point/boiling range : 100 °C
Melting point/melting range : Not known.
Explosion limits (in air) : Not known. Lower explosion limit in air (%): 5,5 (Methanol)
Upper explosion limit in air (%): 44 (Methanol)
Oxidising properties : Not applicable.

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Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: Not known.	(1 mm ² /sec = 1cSt)
Viscosity (40°C)	: 15000 mm ² /sec	
Vapour pressure (20°C)	: Not known.	
Vapour density (20°C)	: Not known.	(air = 1)
Relative density (20°C)	: 1,3 g/ml	
Evaporation rate	: < 1	(n-butyl acetate = 1)

10 STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Conditions to avoid	: See section 7.
Materials to avoid	: Keep away from oxidizing agents.
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: 10 %. ATE: > 5 mg/l. May cause headache, dizziness and a feeling of sickness.
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: 6 %. ATE: > 2000 mg/kg.bw.
Corrosion/irritation	: Unlikely to cause irritation.
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	: Risk of serious damage to eyes.
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Ingestion

Acute toxicity	: Calculated LD50: > 4413 mg/kg.bw. Ingredients of unknown toxicity: 6 %. ATE: > 2000 mg/kg.bw.
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

No ecotoxicological research has been carried out on this product.

Ecotoxicity	: Not classified as dangerous for the aquatic environment. Calculated LC50 (fish): 20 mg/l. Calculated EC50 (waterflea): 29 mg/l. Contains 40 % of components with unknown hazards to the aquatic environment. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.
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Mobility	: Adsorbs to soil and has low mobility. Floats on 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	: No specific information known.
Other information	: Not applicable.

13 DISPOSAL CONSIDERATIONS

Product residues	: Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.
Additional warning	: None.
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.
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.
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:

R11	Highly flammable.
R22	Harmful if swallowed.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R41	Risk of serious damage to eyes.

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R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

Full text of H-phrases mentioned in section 3:

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H311 Toxic in contact with skin.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H370 Causes damage to organs.
EUH066 Repeated exposure may cause skin dryness or cracking.

Number format : ", " used as decimal separator.

History

Date of first issue : ----
Date of second issue : 30-05-2003
Date of third issue : 29-04-2004
Date of fourth issue : 15-04-2008
Date of fifth issue : 04-04-2012

Herewith all previous issues are expired.