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Revision Number 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Code(s) 91516
Product Name Mothers Marine Cleaner Wax
Recommended Use Boat care

Company

MOTHERS POLISHES WAXES CLEANERS
5456 Industrial Drive
Huntington Beach, CA 92649
TEL: 714-891-3364
FAX: 714-893-1827

Supplier

MOTHERS POLISHES WAXES CLEANERS
5456 Industrial Drive
Huntington Beach, CA 92649
TEL: 714-891-3364
FAX: 714-893-1827

For further information, please contact

E-mail Address chemist@mothers.com
Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

The preparation is non-dangerous in accordance with Directive 1999/45/EC.

Classification**Hazard Symbols**

Not dangerous

Most Important Hazards

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	EC-No	REACH No.	CAS-No	Weight %	Classification
paraffinic, naphthenic solvent	EEC No. 265-149-8	No data available	64742-47-8	25-50	Xn;R65 R66
calcined kaolin clay	EEC No. 266-340-9	No data available	66402-68-4	<10	R33
Stearic acid	EEC No. 200-313-4	No data available	57-11-4	<10	Xi;R36
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3- tetramethylbutyl)phenyl]- .omega.-hydroxy-	-	No data available	9036-19-5	<1	Xn;R22 Xi;R41

For the full text of the R-phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

General Advice	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water. Consult a physician if necessary.
Ingestion	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Use personal protective equipment.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Extinguishing media which must not be used for safety reasons	No information available.
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases	None in particular.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions	Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.
Personal Precautions	Use personal protective equipment. Avoid contact with the skin and the eyes. Ensure adequate ventilation. If spilled, take caution, as material can cause surfaces to become very slippery
Methods for Cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Other Information	See Section 12 for additional information.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists.
Storage	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
calcined kaolin clay 66402-68-4		TWA: 0.5 mg/m ³ TWA: 5 mg/m ³		VLA-EC: 10 VLA-ED: 0.0002 VLA-ED: 0.002 VLA-ED: 0.01 VLA-ED: 0.02 VLA-ED: 0.2 VLA-ED: 0.5 VLA-ED: 1 VLA-ED: 5	MAK: 0.5 mg/m ³ Ceiling / Peak: 0.5 mg/m ³ TWA: 0.5 mg/m ³

Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
calcined kaolin clay 66402-68-4		STEL: 0.01 mg/m ³ STEL: 10 mg/m ³ TWA: 0.5 mg/m ³ TWA: 1 mg/m ³ TWA: 5 mg/m ³ TWA: 0.02 mg/m ³ TWA: 0.002 mg/m ³ TWA: 0.2 mg/m ³	STEL: 3 MAC: 0.005 MAC: 0.5		TWA: 0.001 mg/m ³ TWA: 0.005 mg/m ³ TWA: 0.01 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 1 mg/m ³ TWA: 5 mg/m ³

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
calcined kaolin clay 66402-68-4	STEL 0.4 STEL 1 STEL 1.5 STEL 2 STEL 4 MAK: 0.1 MAK: 0.25 MAK: 0.5 MAK: 5	Skin STEL: 1 MAK: 0.002 MAK: 0.015 MAK: 0.1 MAK: 0.2 MAK: 0.5 MAK: 5	NDSCh: 1.5 mg/m ³ NDSCh: 10 mg/m ³ NDSCh: 30 mg/m ³ NDS: 0.01 mg/m ³ NDS: 0.3 mg/m ³ NDS: 0.5 mg/m ³ NDS: 1 mg/m ³ NDS: 10 mg/m ³ NDS: 5 mg/m ³	TWA: 0.001 mg/m ³ TWA: 0.02 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 2.5 mg/m ³ TWA: 5 mg/m ³ STEL: 0.003 mg/m ³ STEL: 0.06 mg/m ³ STEL: 0.15 mg/m ³ STEL: 0.6 mg/m ³ STEL: 1.5 mg/m ³ STEL: 10 mg/m ³ STEL: 5 mg/m ³	

Occupational Exposure Controls Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment Respiratory Protection

None required under normal usage When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Eye Protection Skin and Body Protection Hand Protection

Tightly fitting safety goggles.
Lightweight protective clothing.
Protective gloves

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

Do not allow material to contaminate ground water system

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State	Liquid.	Appearance	White
Odor	Perfume		

Important health safety and environmental information

Flash Point	> 105°C / > 221.3°F	Boiling Point/Range	110°C
pH	No information available	Autoignition Temperature	No information available
Vapor Pressure	No information available	VOC Content(%)	No information available
Viscosity	2000-3000 cps	Specific Gravity	0.925-1.006
Evaporation Rate	No information available	Vapor Density	No information available.

Flammability Limits in Air No information available

Other information

Melting Point/Range No information available.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Do not freeze Heat, flames and sparks.
Materials to Avoid	None in particular
Hazardous Decomposition Products	None under normal use.
Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	No acute toxicity information is available for this product.
Inhalation	No known hazard by inhalation. Avoid breathing vapors or mists.
Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Prolonged contact may cause redness and irritation.
Ingestion	No known effect.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated light	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	5.2 mg/L (Rat) 4 h
Stearic acid		5 g/kg (Rabbit)	
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	4190 mg/kg (Rat)		

Chronic Toxicity

Carcinogenicity	Occupational health effects due to inhalation of mineral dusts incorporating crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc) graphite or coal unlikely to occur from exposure to this product.
Sensitization	None known.
Reproductive Toxicity	No information available
Mutagenic Effects	No information available
Developmental Toxicity	No information available.
Target Organ Effects	Eyes. Respiratory system. Skin.

Endocrine Disruptor Information

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	Group III Chemical		Industrial chemical

12. ECOLOGICAL INFORMATION

Ecotoxicity

Do not allow material to contaminate ground water system..

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
paraffinic, naphthenic solvent		LC50 96 h Pimephales promelas 45 mg/L LC50 96 h Lepomis macrochirus 2.2 mg/L LC50 96 h Oncorhynchus mykiss 2.4 mg/L		LC50 96 h Den-dronereides heteropoda 4720 mg/L

Persistence and Degradability No information available.

Bioaccumulative Potential No information available

Mobility No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

Other Information According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ICAO Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

The preparation is non-dangerous in accordance with Directive 1999/45/EC.

Labeling

Contains paraffinic, naphthenic solvent.

Symbol(s) Not dangerous

R-phrase(s)

No information available.

S-phrase(s)

No information available.

International Inventories

TSCA	Complies
EINECS/ELINCS	-
DSL/NDSL	-
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

16. OTHER INFORMATION**Full text of R-phrases referred to under Sections 2 and 3**

R66 - Repeated exposure may cause skin dryness or cracking

R65 - Harmful: may cause lung damage if swallowed

R33 - Danger of cumulative effects

R36 - Irritating to eyes

R22 - Harmful if swallowed

R41 - Risk of serious damage to eyes

Issuing Date 22-Oct-2009**Revision Date** 02-Dec-2009**Revision Note** (M)SDS sections updated, 3, 16.**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006****Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Safety Data Sheet