

Issuing Date 21-Sep-2012

Revision Date 21-Nov-2012

Revision Number 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Mothers Professional Finishing Polish

**Product Code(s)** 08712, 38712

**Recommended Use** Car care

**Supplier Address**

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

**Emergency Telephone Number** Chemtrec 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

May cause skin and eye irritation  
Harmful: may cause lung damage if swallowed  
Combustible liquid

**Appearance** White, Dark gray.

**Physical State** Liquid.

**Odor** Slight, Oily

**Potential Health Effects**

**Principle Routes of Exposure** Skin contact. Eye contact. Inhalation.

**Acute Toxicity**

**Eyes**

May cause irritation.

**Skin**

May cause irritation. Repeated exposure may cause skin dryness or cracking.

**Inhalation**

May cause drowsiness and dizziness.

**Ingestion**

Harmful: may cause lung damage if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects**

No known effect based on information supplied.

**Aggravated Medical Conditions**

Skin disorders. Pre-existing eye disorders. Respiratory disorders.

**Environmental Hazard**

See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Naphtha (petroleum), heavy alkylate	64741-65-7	10-25
Paraffinic, naphthenic solvent	64742-47-8	< 10
Calcined kaolin clay	66402-68-4	< 10
Aluminum oxide	1344-28-1	< 10
White mineral oil	8042-47-5	< 10
Isopropyl alcohol	67-63-0	< 10
Glycerol	56-81-5	0.1-1

### 4. FIRST AID MEASURES

<b>General Advice</b>	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Combustible liquid.
<b>Flash Point</b>	> 221 °F / > 105 °C
<b>Suitable Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ). Dry powder. Dry chemical. Foam.
<b>Unsuitable Extinguishing Media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	Yes.
<b>Specific Hazards Arising from the Chemical</b>	Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>NFPA</b>	<b>Health Hazard</b> 1 <b>Flammability</b> 2 <b>Instability</b> 0 <b>Physical and Chemical Hazards</b> N/A
<b>HMIS</b>	<b>Health Hazard</b> 1 <b>Flammability</b> 2 <b>Physical Hazard</b> 0 <b>Personal Protection</b> B

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	If spilled, take caution, as material can cause surfaces to become very slippery.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Dam up. Soak up with inert absorbent material. Keep in suitable and closed containers for disposal. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcined kaolin clay 66402-68-4	STEL: 10 mg/m <sup>3</sup> Zr TWA: 5 mg/m <sup>3</sup> Zr TWA: 0.2 mg/m <sup>3</sup> Mn	TWA: 5 mg/m <sup>3</sup> Zr (vacated) TWA: 5 mg/m <sup>3</sup> Zr (vacated) STEL: 10 mg/m <sup>3</sup> Zr	TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> total dust
Aluminum oxide 1344-28-1	TWA: 1 mg/m <sup>3</sup> respirable fraction	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	
White mineral oil 8042-47-5	TWA: 5 mg/m <sup>3</sup> inhalable fraction excluding metal working fluids, highly & severely refined	TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	IDLH: 2500 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
Glycerol 56-81-5	-	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	
Petroleum distillates, hydrotreated light 64742-47-8	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> (as oil mist)	TWA: 5 mg/m <sup>3</sup> (as oil mist)	

*Immediately Dangerous to Life or Health.*

### Engineering Measures

Showers  
Eyewash stations  
Ventilation systems

### Personal Protective Equipment

#### Eye/Face Protection

Safety glasses with side-shields.

#### Skin and Body Protection

Protective gloves.

#### Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White, Dark gray.	<b>Odor</b>	Slight, Oily.
<b>Odor Threshold</b>	No information available.	<b>Physical State</b>	Liquid.
<b>pH</b>	7.7	<b>Autoignition Temperature</b>	No information available.
<b>Flash Point</b>	> 221 °F / > 105 °C	<b>Boiling Point/Boiling Range</b>	No information available.
<b>Decomposition Temperature</b>	No information available.	<b>Flammability Limits in Air</b>	No information available.
<b>Melting Point/Range</b>	No information available.		
<b>Specific Gravity</b>	0.9785	<b>Solubility</b>	No information available.
<b>Evaporation Rate</b>	No information available.	<b>Vapor Pressure</b>	No data available.
<b>Vapor Density</b>	No data available.	<b>VOC Content (%)</b>	<17%
<b>Viscosity</b>	9500-10500 cps		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Incompatible Products</b>	None known based on information supplied.
<b>Conditions to Avoid</b>	Do not freeze. Heat, flames and sparks.
<b>Hazardous Decomposition Products</b>	None under normal use. Thermal decomposition can lead to release of irritating gases and vapors.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

<b>Inhalation</b>	Avoid breathing vapors or mists. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Prolonged or repeated contact may dry skin and cause irritation.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Naphtha (petroleum), heavy alkylate	> 7000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit ) > 3000 mg/kg ( Rat )	> 5.04 mg/L ( Rat ) 4 h
Paraffinic, naphthenic solvent	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Aluminum oxide	> 5000 mg/kg ( Rat )		
White mineral oil	> 5000 mg/kg ( Rat )	-	-
Isopropyl alcohol	= 4396 mg/kg ( Rat )	12800 mg/kg ( Rat ) 12870 mg/kg ( Rabbit )	72.6 mg/L ( Rat ) 4 h

### Chronic Toxicity

<b>Carcinogenicity</b>	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. Mineral oils are known to cause cancer because of carcinogenic components (e.g. benzene). The mineral oil in this product is highly refined and should not be considered a carcinogen.
------------------------	--

Chemical Name	ACGIH	IARC	NTP	OSHA
Calcined kaolin clay		Group 2B		X
White mineral oil	A2			
Isopropyl alcohol		Group 3		

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 3: Not Classifiable as to its Carcinogenicity to Humans

Group 2B - Possibly Carcinogenic to Humans

**OSHA: (Occupational Safety & Health Administration)**

X - Present

<b>Target Organ Effects</b>	Blood. Eyes. Hematopoietic system. Kidney. Liver. Respiratory system. Skin. Central nervous system (CNS).
-----------------------------	---

## 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)
Naphtha (petroleum), heavy alkylate	EC50 72 h: = 30000 mg/L (Pseudokirchneriella subcapitata)			LC50 48 h: = 2 mg/L (Mysidopsis bahia)
Paraffinic, naphthenic solvent		LC50: 45 mg/L Pimephales promelas 96 h flow-through LC50: 2.2 mg/L Lepomis macrochirus 96 h static LC50: 2.4 mg/L Oncorhynchus mykiss 96 h static		LC50 96 h: = 4720 mg/L (Den-dronereides heteropoda)
Aluminum oxide		LC50 96 h: > 100 mg/L semistatic (Salmo trutta)		LC50 48 h: > 100 mg/L (daphnia magna)
White mineral oil		LC50 96 h: > 10000 mg/L (Lepomis macrochirus)		
Isopropyl alcohol	EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus)		EC50 48 h: = 13299 mg/L (Daphnia magna)
Glycerol	-	LC50: 51-57 ml/L Oncorhynchus mykiss 96 h static	-	EC50 24 h: > 500 mg/L (Daphnia magna)
<b>Chemical Name</b>		<b>Log Pow</b>		
White mineral oil		6.006		
Isopropyl alcohol		0.05		
Glycerol		-1.76		

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

### Contaminated Packaging

Dispose of in accordance with local regulations.

### California Hazardous Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Calcined kaolin clay	Toxic soluble Toxic
Isopropyl alcohol	Toxic Ignitable

## 14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated.
<u>TDG</u>	Not regulated.
<u>MEX</u>	Not regulated.
<u>ICAO</u> Special Provisions	Not regulated. None.
<u>IATA</u> Special Provisions	Not regulated. None.
<u>IMDG/IMO</u> Special Provisions	Not regulated. None.
<u>RID</u> Special Provisions	Not regulated. None.
<u>ADR</u> Special Provisions	Not regulated. None.
<u>ADN</u>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	Complies
<b>EINECS</b>	Complies
<b>ELINCS</b>	Complies

### Legend

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

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

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

### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Calcined kaolin clay	66402-68-4	<10	1.0

### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

### Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
---------------	-----------------------------	------------------------	---------------------------	----------------------------



Calcined kaolin clay		X		
----------------------	--	---	--	--

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Calcined kaolin clay			X		X
Aluminum oxide	X	X	X		X
White mineral oil	X	X	X		X
Isopropyl alcohol	X	X	X		X
Glycerol	X	X	X	-	X

**International Regulations****Mexico - Grade**

Moderate risk, Grade 2

Chemical Name	Carcinogen Status	Exposure Limits
Calcined kaolin clay		Mexico: TWA 5 mg/m <sup>3</sup> Mexico: TWA 0.2 mg/m <sup>3</sup> Mexico: STEL 10 mg/m <sup>3</sup>
Aluminum oxide		Mexico: TWA 10 mg/m <sup>3</sup>
White mineral oil		Mexico: TWA 5 mg/m <sup>3</sup> Mexico: STEL 10 mg/m <sup>3</sup>
Isopropyl alcohol		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m <sup>3</sup> Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m <sup>3</sup>
Glycerol		Mexico: TWA 10 mg/m <sup>3</sup>

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

B3 Combustible liquid



Component	NPRI
Isopropyl alcohol 67-63-0 (< 10)	X

**Legend**

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** 21-Sep-2012  
**Revision Date** 21-Nov-2012  
**Revision Note** Name change, Product Code change

**General Disclaimer**

The information provided on this MSDS 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**