

Issuing Date 30-Oct-2009

Revision Date 14-Oct-2016

Revision Number 1

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

GHS product identifier

Product Name Mothers Professional Foam Pad Polish

Other means of identification

Product Code(s) 83432, 83438, 83455

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Car care

Uses advised against No information available

Supplier's details

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

Emergency telephone number

Emergency Telephone Number Chemtrec 1-800-424-9300

**2. HAZARDS IDENTIFICATION**

Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Not classified

GHS Label elements, including precautionary statements

**Emergency Overview**

Signal Word

None

The product contains no substances which at their given concentration are considered to be hazardous to health

**Appearance** White, Dark gray.

**Physical State** Liquid.

**Odor** Slight, Oily.

**Precautionary Statements**

**Prevention**

- None

**General Advice**

- None

**Storage**

- None

**Disposal**

- None

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination  
11.5% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                       | CAS-No     | Weight % | Trade secret |
|-------------------------------------|------------|----------|--------------|
| 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     | *            |

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

### 4. FIRST AID MEASURES

**Description of necessary first-aid measures**

|                       |   |
|-----------------------|---|
| <b>General Advice</b> | Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.             |
| <b>Eye Contact</b>    | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                      |
| <b>Skin Contact</b>   | Wash skin with soap and water.  |
| <b>Inhalation</b>     | Move to fresh air.  |
| <b>Ingestion</b>      | Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Get medical attention. |

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Irritation. Central nervous system depression.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder. Dry chemical.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

No information available.

**Explosion Data****Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid contact with eyes. Ensure trained personnel conduct clean up. Refer to Section 8 for personal protective equipment.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Dam up. Soak up with inert absorbent material. Clean contaminated surface thoroughly. Keep in suitable and closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

| Chemical Name                      | ACGIH TLV   | OSHA PEL   | NIOSH IDLH   |
|------------------------------------|---|--|--|
| Calcined kaolin clay<br>66402-68-4 | STEL: 10 mg/m <sup>3</sup> Zr<br>TWA: 5 mg/m <sup>3</sup> Zr<br>TWA: 0.2 mg/m <sup>3</sup> Mn               | TWA: 5 mg/m <sup>3</sup> Zr<br>(vacated) TWA: 5 mg/m <sup>3</sup> Zr<br>(vacated) STEL: 10 mg/m <sup>3</sup> Zr  | TWA: 5 mg/m <sup>3</sup> respirable dust<br>TWA: 10 mg/m <sup>3</sup> total dust       |
| Aluminum oxide<br>1344-28-1        | TWA: 1 mg/m <sup>3</sup> respirable fraction  | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction | -  |
| White mineral oil<br>8042-47-5     | TWA: 5 mg/m <sup>3</sup> inhalable fraction<br>excluding metal working fluids,<br>highly & severely refined | TWA: 5 mg/m <sup>3</sup><br>(vacated) TWA: 5 mg/m <sup>3</sup>   | IDLH: 2500 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup> |

|                              |                               |   |   |
|------------------------------|-------------------------------|---|---|
| Isopropyl alcohol<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup> | IDLH: 2000 ppm 10% LEL<br>TWA: 980 mg/m <sup>3</sup><br>TWA: 400 ppm<br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup> |
|------------------------------|-------------------------------|---|---|

**Appropriate engineering controls**

**Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as 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** When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                       |               |                       |                           |
|-----------------------|---------------|-----------------------|---------------------------|
| <b>Physical State</b> | Liquid.       | <b>Appearance</b>     | White, Dark gray.         |
| <b>Odor</b>           | Slight, Oily. | <b>Odor Threshold</b> | No information available. |

| <u>Property</u>                               | <u>Values</u>       | <u>Remarks/ - Method</u> |
|---|---------------------|--------------------------|
| <b>pH</b>                                     | 7.7                 | None known               |
| <b>Melting Point/Range</b>                    | No data available   | None known               |
| <b>Boiling Point/Boiling Range</b>            | No data available   | None known               |
| <b>Flash Point</b>                            | > 105 °C / > 221 °F | None known               |
| <b>Evaporation rate</b>                       | No data available   | None known               |
| <b>Flammability (solid, gas)</b>              | No data available   | None known               |
| <b>Flammability Limits in Air</b>             |                     |                          |
| upper flammability limit                      | No data available   |                          |
| lower flammability limit                      | No data available   |                          |
| <b>Vapor Pressure</b>                         | No data available   | None known               |
| <b>Vapor Density</b>                          | No data available   | None known               |
| <b>Specific Gravity</b>                       | 0.9785              | None known               |
| <b>Water Solubility</b>                       | No data available   | None known               |
| <b>Solubility in other solvents</b>           | No data available   | None known               |
| <b>Partition coefficient: n-octanol/water</b> | No data available   | None known               |
| <b>Autoignition Temperature</b>               | No data available   | None known               |
| <b>Decomposition Temperature</b>              | No data available   | None known               |
| <b>Viscosity</b>                              | 9500-10500 cps      | None known               |

**Flammable Properties** Not combustible

**Explosive Properties** No data available  
**Oxidizing Properties** No data available

**Other information**

**VOC Content (%)** <17%

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Do not freeze. Heat, flames and sparks.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None under normal use. Thermal decomposition can lead to release of irritating gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information****Inhalation**

Avoid breathing vapors or mists. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Inhalation of mist may cause irritation to the respiratory system.

**Eye Contact**

Contact with eyes may cause irritation.

**Skin Contact**

Prolonged or repeated contact may cause skin dryness or cracking.

**Ingestion**

No known effect.

**Component Information**

| Chemical Name                       | LD50 Oral            | LD50 Dermal                                   | LC50 Inhalation         |
|-------------------------------------|----------------------|---|-------------------------|
| Naphtha (petroleum), heavy alkylate | > 7000 mg/kg ( Rat ) | > 3000 mg/kg ( Rat ) > 2000 mg/kg ( Rabbit )  | > 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 )<br>12870 mg/kg ( Rabbit ) | 72.6 mg/L ( Rat ) 4 h   |

**Symptoms related to the physical, chemical and toxicological characteristics****Symptoms**

Irritation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Delayed and immediate effects and also chronic effects from short and long term exposure****Sensitization**

May cause sensitization of susceptible persons.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

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 |       |         |     | 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

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

X - Present

**Reproductive Toxicity**  
**STOT - single exposure**  
**STOT - repeated exposure**  
**Chronic Toxicity**  
**Target Organ Effects**

No information available.

No information available.

No information available.

Repeated contact may cause allergic reactions in very susceptible persons.

Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system (CNS). Blood. Hematopoietic system.

**Aspiration Hazard**

Based on product level data, this product does not meet the requirement to be classified as an aspiration hazard. However, this product contains an ingredient that may cause aspiration if swallowed.

**Numerical measures of toxicity - Product****Acute Toxicity** 11.5% of the mixture consists of ingredient(s) of unknown toxicity.*The following values are calculated based on chapter 3.1 of the GHS document:***LD50 Oral** 76303 mg/kg; Acute toxicity estimate**LD50 Dermal** 11893 mg/kg; Acute toxicity estimate**Inhalation****dust/mist** 25.3 mg/L; Acute toxicity estimate**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The environmental impact of this product has not been fully investigated. Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

| Chemical Name                                     | Toxicity to Algae   | Toxicity to Fish   | Toxicity to Microorganisms | Daphnia Magna (Water Flea)                             |
|---|---|--|----------------------------|--|
| Naphtha (petroleum), heavy alkylate<br>64741-65-7 | EC50 72 h: = 30000 mg/L<br>(Pseudokirchneriella subcapitata)                                      |  |                            | LC50 48 h: = 2 mg/L<br>(Mysidopsis bahia)              |
| Paraffinic, naphthenic solvent<br>64742-47-8      |   | LC50: 45 mg/L Pimephales promelas 96 h flow-through<br>LC50: 2.2 mg/L Lepomis macrochirus 96 h static<br>LC50: 2.4 mg/L<br>Oncorhynchus mykiss 96 h static           |                            | LC50 96 h: = 4720 mg/L<br>(Den-dronereides heteropoda) |
| Aluminum oxide<br>1344-28-1                       |   | LC50 96 h: > 100 mg/L semistatic (Salmo trutta)  |                            | LC50 48 h: > 100 mg/L<br>(daphnia magna)               |
| White mineral oil<br>8042-47-5                    |   | LC50 96 h: > 10000 mg/L (Lepomis macrochirus)  |                            |  |
| Isopropyl alcohol<br>67-63-0                      | EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus) | LC50 96 h: = 11130 mg/L static (Pimephales promelas)<br>LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas)<br>LC50 96 h: > 1400000 µg/L (Lepomis macrochirus) |                            | EC50 48 h: = 13299 mg/L (Daphnia magna)                |

**Persistence and Degradability** No information available.**Bioaccumulation** Some components of this material have some potential to bioaccumulate**Mobility** Will likely be mobile in the environment due to its water solubility but will likely degrade over time

| Chemical Name     | Log Pow |
|-------------------|---------|
| White mineral oil | 6.006   |
| Isopropyl alcohol | 0.05    |

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

|   |   |
|---|---|
| <b>Waste Disposal Methods</b>           | 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. |
| <b>Contaminated Packaging</b>           | Dispose of in accordance with local regulations.  |
| <b>California Hazardous Waste Codes</b> | 331   |

**14. TRANSPORT INFORMATION**

|                 |               |
|-----------------|---------------|
| <b>DOT</b>      | Not regulated |
| <b>TDG</b>      | Not regulated |
| <b>MEX</b>      | Not regulated |
| <b>IATA</b>     | Not regulated |
| <b>IMDG/IMO</b> | Not regulated |

**15. REGULATORY INFORMATION****International Inventories**

|             |          |
|-------------|----------|
| <b>TSCA</b> | Complies |
| <b>DSL</b>  | Complies |
| <b>NDSL</b> | Complies |

**Legend**

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

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

**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                           |
| Isopropyl alcohol    | 67-63-0    | < 10     | 1.0                           |

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire Hazard</b>                       | No  |
| <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            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

|             |                         |                       |                          |  |
|-------------|-------------------------|-----------------------|--------------------------|--|
| <b>NFPA</b> | <b>Health Hazard</b> 1  | <b>Flammability</b> 1 | <b>Instability</b> 0     | <b>Physical and Chemical Hazards</b> N/A |
| <b>HMIS</b> | <b>Health Hazard</b> 1* | <b>Flammability</b> 1 | <b>Physical Hazard</b> 0 | <b>Personal Protection</b> B             |

\*Indicates a chronic health hazard.

**Prepared By** Product Stewardship  
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1-800-572-6501

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**Revision Note** Update to Product Code

**General 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**