



Product: Professional Polish  
Revision Date: 2/22/16

## SAFETY DATA SHEET

### Section 1. Product and Company Identification

Product Name: Professional Polish  
Recommended Use(s): Metal polish  
Non-Recommended / Restricted Use(s): None  
Distributor: Poorboy's World UK  
Bretfield Court  
Dewsbury, WF12 9BG  
United Kingdom  
Emergency Contact: **General:** 01924 469920 UK Sales  
**General:** +44 (0) 1924 469920 Overseas  
**Emergency:** 1-352-323-3500 International Emergency Hotline

### Section 2. Hazard Identification

#### GHS Classification for mixture:

Aspiration Hazard - Category 5  
Specific target organ toxicity - single exposure - Category 3 (Respiratory)  
Serious eye damage/eye irritation - Category 2  
Skin corrosion/irritation - Category 2  
Acute Toxicity Oral - Category 5

#### Pictograms:



Signal Word:  
WARNING

#### Hazard Statements:

H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

## Precautionary Statements:

### Prevention

- P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P270: Do not eat, drink or smoke when using this product  
P264: Wash skin thoroughly after handling.  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271: Use only outdoors or in a well-ventilated area.

### Response

- P301+P312: IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.  
P330: Rinse mouth.  
P302+P352: IF ON SKIN: wash with plenty of soap and water.  
P362: Take off contaminated clothing and wash before reuse.  
P332+P313: IF SKIN irritation occurs: Get medical advice/attention.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: IF eye irritation persists: Get medical advice/attention.  
P304+P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.

### Storage

- P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.

### Disposal

- P501: Dispose of contents to industrial combustion plant.

## Section 3. Composition / Information on Ingredients

Identifiers	Ingredients	Percentage	Classification
66402-68-4	Calcinated kaolin clay	30% to 40%	
64742-47-8	Distillates (petroleum), hydrotreated light	10% to 25%	
64742-48-9	Naphtha (petroleum), hydrotreated heavy	10% to 25%	
56-81-5	Glycerine	5% to 10%	
9007-48-1	Glycerol homopolymer, oleic acid ester	1% to 5%	
8042-47-5	White mineral oil	1% to 5%	
30399-84-9	Fatty acid	1% to 5%	
93-83-4	Fatty alkanolamide	1% to 5%	
63148-62-9	Polydimethylsiloxane	1% to 5%	

## Section 4. First-Aid Measures

### First-Aid: Eyes

Immediately flush with clean, low-pressure water for several minutes. Hold eyelids open to ensure adequate flushing. Remove the contact lenses if worn and easy to do that. Continue rinsing.

### First-Aid: Skin

Take all contaminated clothing off immediately and wash it before reuse.

### First-Aid: Ingestion

Immediately call a poison center, doctor, or medical service. Rinse the mouth with water. In case of ingestion of large quantities immediately take the exposed person to hospital. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

### First-Aid: Inhalation

Remove person to fresh air and keep at rest in a position comfortable for breathing.

### First-Aid: Symptoms

Not specified.

### First-Aid: Other

Move out of dangerous area. If exposed or concerned, get medical advice / attention.

**General advice:** Never give anything by mouth to an unconscious person. Provide this SDS to medical personnel for treatment.

## Section 5. Fire-Fighting Measures

### Suitable Extinguishing Media

The suggested appropriate media: Alcohol-resistant foam. Carbon dioxide. Powder BC. Water spray.

### Unsuitable Extinguishing Media

Inappropriate media: Straight streams of water.

### Protective Measures for Fire-Fighting

Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

### Special Protective Actions for Fire-Fighters

Dike area to prevent runoff and contamination of water sources. Do not allow run-off from fire fighting to enter drains or water courses.

### Combustion Products

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Oxides of nitrogen (NO<sub>x</sub>).

### Specific Hazards Arising from Combustion of Products

Explosive when mixed with combustible material.

## Section 6. Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

Evacuate the people from the area. Ventilate spill area.

### Environmental Precautions

Dike area to prevent runoff and contamination of water sources. Do not discharge into drains or any body of water (rivers, streams, ponds, lakes, etc).

### Clean-up Procedures

Absorb with earth, sand, or other non-combustible material. Ensure cleanup is conducted by trained personnel only. Cover drains.

**Large spills:** If possible, dike the area to prevent spreading.

## Section 7. Handling and Storage

### Precautions for Safe Handling

Ensure there is sufficient ventilation of the area. Do not eat, drink or smoke during handling. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

### Conditions for Safe Storage

Keep container closed when not in use. Respect the occupational health and safety standards. Store in a cool, well ventilated area. Store in accordance with all current regulations and standards.

**Conditions to avoid:** frost.

### Suitable Packaging

Always keep in containers made of the same materials as the supply container. Store in original container / packaging.

## Section 8. Exposure Controls / Personal Protection

### Control Parameters / Limits for Product

Not established for the product or its ingredients.

### Control Parameters / Limits for Component

#### Calcinated kaolin clay

NIOSH	TWA 15 mg/m <sup>3</sup> (Total dust).
ACGIH	3 mg/m <sup>3</sup> (Respirable).
OSHA PEL	5 mg/m <sup>3</sup> (Respirable).

#### Glycerine

DNEL/DMEL General Population Oral Chronic	229 mg/kg, Systemic effects.
DNEL/DMEL General Population Inhalation Chronic	33 mg/m <sup>3</sup> , Local effects.
DNEL/DMEL Worker Inhalation Chronic	56 mg/m <sup>3</sup> , Local effects.
PNEC Seawater	0.0885 mg/l, Continuous.
PNEC Freshwater	0.885 mg/l, Single exposure.
PNEC Soil	0.141 mg/kg, Single exposure.
ACGIH	TWA 10 mg/m <sup>3</sup> .
OSHA PEL	15 mg/m <sup>3</sup> (Total Dust).

#### Naphtha (petroleum), hydrtreated heavy

DNEL/DMEL General Population Oral Chronic	19 mg/kg/d, Systemic effects.
NIOSH	TWA 350 mg/m <sup>3</sup> Ceiling. TWA 1800 mg/m <sup>3</sup> (15 min).
ACGIH TLV	TWA 400 ppm.
OSHA PEL	500 ppm. 2000 mg/m <sup>3</sup> .

#### Fatty acid

ACGIH	STEL 10 mg/m <sup>3</sup> (Respirable oil mist). TWA 5 mg/m <sup>3</sup> (Respirable).
OSHA PEL	5 mg/m <sup>3</sup> (Respirable).
<b>Distillates (petroleum), hydrotreated light</b>	
DNEL/DMEL General Population Oral Chronic	19 mg/kg/d, Systemic effects.
NIOSH	TWA 350 mg/m <sup>3</sup> Ceiling. 1800 mg/m <sup>3</sup> (15min).
ACGIH TLV	TWA 400 ppm.
OSHA PEL	2000 mg/m <sup>3</sup> . 500 ppm.
<b>White mineral oil</b>	
DNEL/DMEL Consumer Inhalation Chronic	160 mg/m <sup>3</sup> , Systemic effects.
DNEL/DMEL Consumer Dermal Chronic	220 mg/kg/d, Systemic effects.
NIOSH	TWA 50 mg/m <sup>3</sup> . TWA 1800 mg/m <sup>3</sup> (15 min).
ACGIH	5 mg/m <sup>3</sup> .
OSHA PEL	TWA 2000 mg/m <sup>3</sup> . TWA 500 ppm.
<b>Fatty alkanolamide</b>	
DNEL/DMEL Consumer Oral Acute	6.25 mg/kg, Local effect.
PNEC Sporadic release	0.032 mg/l.
PNEC Seawater Sediment	830 mg/l.
PNEC Freshwater Sediment	0.2663 mg/kg.
DNEL/DMEL Worker Dermal Chronic	4.16 mg/kg, Systemic effect. 0.0312 mg/cm <sup>2</sup> , Local effect.
DNEL/DMEL Worker Inhalation Chronic	73.44 mg/ <sup>3</sup> , Systemic effect.
DNEL/DMEL Consumer Inhalation Chronic	21.734 mg/m <sup>3</sup> , Systemic effect.
DNEL/DMEL Consumer Dermal Chronic	2.5 mg/kg, Systemic effect. 0.01873 mg/cm <sup>2</sup> , Local effect.
PNEC Seawater	0.0007 mg/l.
PNEC Freshwater	0.007 mg/l.
PNEC Soil	0.1262 mg/kg.

## Engineering Measures

Provide adequate general and local exhaust ventilation. Respect the occupational health and safety standards.

## Respiratory Protection

Certified self-contained breathing apparatus must be available in case of emergency. Use only outdoors or in a well-ventilated area.

## Eye/Face Protection

Wear safety goggles.

## Skin and Body Protection

Not obliged.

## Hand Protection

Wear impermeable gloves.

## Hygiene Measures

Keep away from food or drink. Use in accordance with good hygiene and safety practice.

# Section 9. Physical and Chemical Properties

## Basic physical and chemical properties Information

Physical State	liquid Cream
Appearance	White color
Odor	Citrus Fragrance
Odor threshold	Not available
pH	7.5 to 8.5
Melting point	Not available
Boiling point	100°C / 212°F
Flash Point	99°C / 210.2°F
Evaporation rate w/r/t ether	Not available
Evaporation rate w/r/t butyl acetate	Not available
Flammability	Not available
Flammability limit	Not available
Vapor pressure	3169 Pa at 25°C / 77°F
Vapor density	Not available
Relative density w/r/t water	Not available
Relative density w/r/t air	Not available
Relative density w/r/t other substance	Not available
Solubility	Not available
Solubility in other solvents	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Freezing point	Not available
Density	1.11 g/cm <sup>3</sup> at 25°C / 77°F

## Section 10. Chemical Stability & Reactivity Information

### Stability/Reactivity

**Chemical stability:** This product is stable under ambient condition.

### Possibility of Hazardous Reactions

Dangerous reactions are not expected if the technical instructions in storage of chemicals are met. Hazardous polymerization will not occur under normal conditions.

### Conditions to Avoid

Avoid strong shocks.

**Keep away from:** Direct sunlight.

### Materials to Avoid

No incompatibilities declared.

### Hazardous Products of Decomposition

Hazardous polymerization does not occur. No decomposition hazardous products are specified. This product is stable under normal storage condition.

## Section 11. Toxicological Information

### Toxicological Information for Product

No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, OSHA, or the NTP. Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9) is classified as Carcingen 1B and Mutagen 1B in European Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP).

**Aspiration hazard:** May be fatal if swallowed and enters airways.

**Carcinogenicity:** This product contains components above 0.1% concentration which are considered carcinogenic.

**Specific target organ toxicity:** This product is considered a STOT single exposure - category 3- Narcotic effect. This product is considered a STOT single exposure - category 3- Respiratory irritation. This product is considered a STOT repeated exposure category 1.

**Mutagenicity:** This product contains components above 0.1% concentration which are considered Germ cell mutagens.

### Toxicological Information for Component

#### Distillates (petroleum), hydrotreated light

<b>LD 50 Oral</b>	>5000 mg/kg, Rat.
<b>LC 50 Inhalation</b>	>5 mg/l(4h), Rat.
<b>LD 50 Dermal</b>	>2000 mg/kg, Rabbit.

#### Glycerine

<b>LD 50 Oral</b>	4090 mg/kg, Mouse. 12600 mg/kg, Rat.
<b>LC 50 Inhalation</b>	570 mg/m <sup>3</sup> (1h).
<b>LD 50 Dermal</b>	10 g/kg, Rabbit.

#### White mineral oil

<b>LD 50 Oral</b>	>5000 mg/kg, Rat.
<b>LC 50 Inhalation</b>	>5000 mg/m <sup>3</sup> (4h).
<b>LD 50 Dermal</b>	>2000 mg/kg, Rabbit.

## Naphtha (petroleum), hydrtreated heavy

<b>LD 50 Oral</b>	>5000 mg/kg, Rat.
<b>LC 50 Inhalation</b>	>5 mg/l(4h), Rat.
<b>LD 50 Dermal</b>	>2000 mg/kg, Rabbit.

## Fatty alkanolamide

<b>LD 50 Oral</b>	12400 µl/kg, Rat. >10000 mg/kg, Mouse.
<b>LD 50 Dermal</b>	>2 g/kg, Rabbit.

## Polydimethylsiloxane

<b>LD 50 Oral</b>	>17 g/kg, Rat.
<b>LD 50 Dermal</b>	>2 g/kg, Rabbit.

## Fatty acid

<b>NOAEL Oral</b>	1692 mg/kg/d, Sprague-Dawley Rat (Developmental; Data is for similar product; Test No. OECD 421).
<b>LD 50 Oral</b>	>2000 mg/kg, Rat.

## Irritation/Corrosion Information for Product

**Skin:** Causes severe skin burns and eye damage.

**Eyes:** Causes serious eye damage.

## Irritation/Corrosion Information for Component

### Glycerine

**Skin:** 500 mg/24h, mild, Draize test, Rabbit.

**Eye:** 126 mg, mild, Draize test, rabbit.

### Polydimethylsiloxane

**Skin:** 500 µl/24h, mild, Draize test, Rabbit.

**Eye:** 100 µl/24h, mild, Draize test, Rabbit. 100 mg/1h, mild, Draize test, Rabbit. 100 µl/24h, moderate, Draize test, Rabbit.

### Glycerol homopolymer, oleic acid ester

**LD 50 Oral:** >2000 mg/kg, Rat.

## Section 12. Ecological Information

### Ecotoxicity Values for Product

**Ecotoxicity:** No ecotoxicity values specified for product. This product is not classified as an eco toxin by any regulations in the US or Europe.

### Ecotoxicity Values for Component

#### White mineral oil

**LC 50 Fish:** >10 g/l(96h), *Lepomis macrochirus*. >100 mg/l(96h), *Oncorhynchus mykiss*.

**EC 50 Algae:** >100 mg/l(72h), *Pseudokirchneriella subcapitata*.

#### Fatty acid

**Mobility in soil:** 0.03 N/m.

**Bioaccumulative potential:** Log KOW >4.

**Biodegradability:** 62.4%, This product is biodegradable.

**NOEL Algae:** 1000 mg/l (72 h).

**EC 50 Algae:** >1000 mg/l(72h).

#### Glycerine

**LC 50 Fish:** 50-67 mg/l LC50 (96 h), Rainbow trout. >5000 mg/l, goldfish.

#### Polydimethylsiloxane



BCF: 3.23, estimated.  
Log Kow: 5.93, estimated.  
LC 50 Fish: 3.16 mg/l(96h), Ictalurus punctatus.  
Glycerol homopolymer, oleic acid ester  
EC 20 Activated sludge: >1000 mg/l.  
LC 50 Fish: >100 mg/l(96h), Leuciscus idus.

## Section 13. Disposal Considerations

### Waste Disposal Regulation(s) / Operation

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of national pollutant discharge elimination systems. Whenever possible, reuse containers. To do this, rinse container with water and reuse water for another iteration or treat effluent as product residue as indicated in above. Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment.

## Section 14. Transportation Information

**Other** This product is not regulated for transport.

## Section 15. Regulatory Information

### Safety, Health and Environmental Regulations for Component

#### Distillates (petroleum), hydrotreated light

<b>EUROPE:</b>	European Inventory of Existing Commercial Chemical Substances (EINECS): listed.
<b>CANADA:</b>	Domestic Substances List (DSL): listed.
<b>US:</b>	TSCA (US Toxic Substances Control Act): listed.

#### Glycerine

<b>EUROPE:</b>	European Inventory of Existing Commercial Chemical Substances (EINECS): listed.
<b>CANADA:</b>	Domestic Substances List (DSL): listed.
<b>US:</b>	TSCA (Toxic Substances Control Act): listed.

#### Glycerol homopolymer, oleic acid ester

<b>EUROPE:</b>	European Inventory of Existing Commercial Chemical Substances (EINECS): listed.
<b>CANADA:</b>	Domestic Substances List (DSL): listed.
<b>US:</b>	TSCA (Toxic Substances Control Act): listed.

#### White mineral oil

<b>EUROPE:</b>	EINECS: This component is listed in European Inventory of Existing Commercial Chemical Substances.
<b>CANADA:</b>	Domestic Substances List (DSL): listed.
<b>US:</b>	TSCA (Toxic Substances Control Act): listed.

#### Naphtha (petroleum), hydrtreated heavy

<b>EUROPE:</b>	European Inventory of Existing Commercial Chemical Substances (EINECS): listed.
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**CANADA:** Domestic Substances List (DSL): listed.  
**US:** TSCA (Toxic Substances Control Act): listed.

#### Fatty acid

**EUROPE:** European Inventory of Existing Commercial Chemical Substances (EINECS): listed.  
**CANADA:** Domestic Substances List (DSL): listed.  
**US:** TSCA (Toxic Substances Control Act): listed.

#### Fatty alkanolamide

**EUROPE:** European Inventory of Existing Commercial Chemical Substances (EINECS): listed.  
**CANADA:** Domestic Substances List (DSL): listed.  
**US:** TSCA (Toxic Substances Control Act): listed.

#### Polydimethylsiloxane

**EUROPE:** European Inventory of Existing Commercial Chemical Substances (EINECS): listed.  
**CANADA:** Domestic Substances List (DSL): listed.  
**US:** TSCA (Toxic Substances Control Act): listed.

#### Calcinated kaolin clay

**EUROPE:** European Inventory of Existing Commercial Chemical Substances (EINECS): listed.  
**CANADA:** Domestic Substances List (DSL): listed.

## Section 16. Other Information

**ACGIH:** American Conference of Governmental Industrial Hygienists.  
**Acute tox:** Acute toxicity.  
**ADR:** Accord europeen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road).  
**CAS:** Chemical Abstracts Service (Service that maintains the most comprehensive list of chemical substances).  
**CEPA:** Canadian Environmental Protection Act.  
**CERCLA:** Comprehensive Environmental Response, Compensation, and Liability Act.  
**CLP:** Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.  
**DMEL:** Derived Minimal Effect Level.  
**DNEL:** Derived No-Effect Level.  
**DOT:** Department of Transportation USA.  
**DSL:** Canadian Domestic Substances List.  
**EC50:** Effective concentration of a substance that causes 50% of the maximum response

Eye dam:	Damaging to eyes.
Eye irrit:	Irritant to the eye.
Flam liq:	Flammable liquid.
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals” developed by the United Nations.
IARC monographs:	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans.
IATA/DGR:	Dangerous Goods Regulations (DGR) for the air transport (IATA).
ICAO:	International Civil Aviation Organization.
LD50:	The dose required to produce the death in 50 percent of the exposed species within a specified time.
Log KOW:	n-octanol/water.
MARPOL:	International Convention for the Prevention of Pollution from Ships (abbr. of Marine Pollutant).
Met corr:	Corrosive to metals
N/A:	Not available.
N/D:	Not determined.
NDSL:	Canadian Non-Domestic Substances List.
NIOSH:	National Institute for Occupational Safety and Health.
NOAEL:	No-observed-adverse-effect-level.
OSHA:	Occupational Safety and Health Administration (United States).
PBT:	Persistent, Bioaccumulative and Toxic.
PEL:	Permissible exposure limit. An exposure limit that is published and enforced by OSHA as a legal standard.
PNEC:	Predicted No-Effect Concentration.
ppm:	Parts per million.
REL:	Recommended exposure limit.
RTECS:	Registry of Toxic Effects of Chemical Substances.
SARA:	Superfund Amendments and Reauthorization Act.
Skin . corr:	Corrosive to Skin.
Skin irrit:	Irritant to Skin.
TSCA:	Toxic Substances Control Act.
TWA:	Time-weighted average.
UN:	United Nations.
vPvB:	Very Persistent and Very Bioaccumulative.
WHIMIS:	Workplace Hazardous Materials Information System.