

Old Purple Polish

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Old Purple Polish
SDS Number: IMS 07-996-01
Product Code: 149045
Revision Date: 11/23/2022
Version: 1
Product Type: Mold Polish
Supplier Details: IMS Company
 10373 Stafford Rd.
 Chagrin Falls, OH 44023-5296
Phone: 1-440-543-1615
Emergency: Chemtel 1-800-255-3924

NOTE: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Serious Eye Damage/Eye Irritation, 2 A
 Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness

GHS Precautionary Statements:

P233 - Keep container tightly closed.
 P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P264 - Wash skin thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 - Call a POISON CENTER or doctor/ physician if you feel unwell.
 P337 + P313 - If eye irritation persists: Get medical advice/ attention.
 P403 + P235 - Store in a well-ventilated place. Keep cool.
 P405 - Store locked up.
 P501 - Dispose of contents/ container to an approved waste disposal plant.

3 COMPOSITION/INFORMATION OF INGREDIENTS

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Chemical Ingredients:		
CAS#	%	Chemical Name:
0	0-10%	Non-ionic Surfactant Blend
67-63-0	5-10%	Isopropanol
1317-65-3	5-15%	Ground Limestone
1310-58-3	<0.5%	Potassium hydroxide
57-55-6	1-5%	Propylene glycol
64742-53-6	1-5%	Distillates, petroleum, hydrotreated light naphthenic
0	<1%	Inert (Dye/Fragrance/preservative)
7732-18-5		water

4 FIRST AID MEASURES

- Inhalation:** Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.
- Skin Contact:** Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.
- Eye Contact:** Flush with warm water for 15 minutes. Seek medical attention.
- Ingestion:** Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

5 FIRE FIGHTING MEASURES

- Flash Point:** >200 F
- LEL:** No Information
- UEL:** No Information
- Suitable extinguishing media: Carbon dioxide (CO₂); Dry chemical; Alcohol resistant foam; Water fog.
- Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire
- Special hazards arising from the substance or mixture / Conditions of flammability:
Vapours are heavier than air and may spread along floors. Toxic fumes, gases or vapours may evolve on burning. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.
- Hazardous combustion products: Carbon oxides; Other unidentified organic compounds
- Special protective equipment and precautions for firefighters:
- Protective equipment for fire-fighters:
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.
- Special fire-fighting procedures:
Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire-fighting to enter drains or water courses. Dike for water control.

6 ACCIDENTAL RELEASE MEASURES

- Spill or Leak Instructions**
Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills

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by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

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HANDLING AND STORAGE

Handling Precautions:

Handling: FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

Precautions for safe handling: Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted. Use only outdoors or in a well-ventilated area. Wear suitable protective equipment during handling. Wear protective gloves and eye/face protection. Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Keep away from heat, sparks and open flame. - No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical and ventilating equipment. Use only non-sparking tools with this material. Take precautionary measures against static discharges. Always open containers slowly to allow any excess pressure to vent. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers. Oil soaked rags may spontaneously combust; place in appropriate disposal container.

Storage Requirements:

Conditions for safe storage: Store in cool/well-ventilated place. Store locked up. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area. Oil soaked rags may spontaneously combust; place in appropriate disposal container.

Incompatible materials: Strong oxidizing agents; Strong acids

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ventilation and engineering measures: Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

Personal Protective Equipment:

Respiratory protection: If airbourne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02. Advice should be sought from respiratory protection Specialists.

Skin protection: Wear protective gloves. Wear as appropriate: Nitrile rubber; polyvinyl alcohol; Viton; Barrier; Responder. Unsuitable material Butyl rubber; Natural Rubber; Neoprene gloves; Polyvinylchloride. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye / face protection: Wear eye/face protection. Wear as appropriate: Tightly fitting safety goggles; Safety glasses with side shields.

Other protective equipment: Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

General hygiene considerations: Avoid breathing mist or vapours. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing must not be allowed out of the workplace.

Other Suggested Equipment: Eye wash station and emergency showers should be available.

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Spill containment equipment should be available.

Discretion Advised: Chemical Solvents Inc. takes no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

Isopropanol cas#:(67-63-0) [5-10%]

Components with workplace control parameters

TWA 200 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Not classifiable as a human carcinogen

STEL 400 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Not classifiable as a human carcinogen

TWA 400 ppm 980 mg/m3 USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

STEL 500 ppm 1,225 mg/m3 USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

TWA 400 ppm 980 mg/m3 USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

The value in mg/m3 is approximate.

TWA 400 ppm 980 mg/m3 USA. NIOSH Recommended Exposure Limits

ST 500 ppm 1,225 mg/m3 USA. NIOSH Recommended Exposure Limits

Propylene glycol cas#:(57-55-6) [1-5%]

Components with workplace control parameters

TWA 10 mg/m3 USA. Workplace Environmental Exposure Levels (WEEL)

Water cas#:(7732-18-5) []

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque Purple Liquid

Physical State: Liquid

Viscosity: NA

Boiling Point: >200F

Flammability: Flammable

pH: NA

Evap. Rate: >1 (n-Butyl Acetate = 1)

Odor: Mild

Solubility: Partial in Water

Freezing/Melting Pt.: NA

Vapor Density: >1 Air = 1

Auto-Ignition Temp: NA

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STABILITY AND REACTIVITY

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Chemical Stability:	Stable
Conditions to Avoid:	Heat, spark, and open flame.
Materials to Avoid:	Strong Oxidizing Agents.
Hazardous Decomposition:	Not Applicable
Hazardous Polymerization:	Will not occur.

11**TOXICOLOGICAL INFORMATION**

Isopropanol cas#:(67-63-0) [5-10%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 5,045 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Somnolence (general depressed activity).

LC50 Inhalation - rat - 8 h - 16000 ppm

LD50 Dermal - rabbit - 12,800 mg/kg

no data available

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: NT8050000

Central nervous system depression, prolonged or repeated exposure can cause:, Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects.

Kidney - Irregularities - Based on Human Evidence

Propylene glycol cas#:(57-55-6) [1-5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 20,000 mg/kg

Inhalation LC50 no data available

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Dermal LD50 Dermal - rabbit - 20,800 mg/kg

Other information on acute toxicity LD50 Intramuscular - rat - 14 g/kg

LD50 Intravenous - dog - 26 g/kg

LD50 Intraperitoneal - rat - 6,660 mg/kg

LD50 Subcutaneous - rat - 22,500 mg/kg

LD50 Intravenous - rat - 6,423 mg/kg

LD50 Intraperitoneal - mouse - 9,718 mg/kg

Remarks: Lungs, Thorax, or Respiration:Chronic pulmonary edema. Kidney, Ureter, Bladder:Changes in both tubules and glomeruli.

Blood:Changes in spleen.

LD50 Subcutaneous - mouse - 17,370 mg/kg

Remarks: Behavioral:Change in motor activity (specific assay). Behavioral:Muscle contraction or spasticity. Cyanosis

LD50 Intravenous - mouse - 6,630 mg/kg

LD50 Intravenous - rabbit - 6,500 mg/kg

Skin corrosion/irritation: Skin - Human - Mild skin irritation - 7 d

Serious eye damage/eye irritation: Eyes - rabbit - Mild eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Gastrointestinal disturbance, Nausea, Headache, Vomiting, Central nervous system depression

Synergistic effects: no data available

Additional Information:

RTECS: TY2000000

Water cas#:(7732-18-5) []

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

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Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: ZC0110000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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ECOLOGICAL INFORMATION

Isopropanol cas#:(67-63-0) [5-10%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h.

other aquatic invertebrates

Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h

Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h.

EC50 - Algae - > 1,000.00 mg/l - 24 h

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Propylene glycol cas#:(57-55-6) [1-5%]

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Information on ecological effects

Toxicity:

Toxicity to fish mortality NOEC - Pimephales promelas (fathead minnow) - 52,930 mg/l - 96 h.

Toxicity to daphnia mortality NOEC - Daphnia - 13,020 mg/l - 48 h.

and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - > 10,000 mg/l - 48 h

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Water cas#:(7732-18-5) []

Information on ecological effects

Toxicity: no data available

Persistence and degradability: not applicable

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

14 TRANSPORT INFORMATION

Not DOT Regulated

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[0-10%] Non-ionic Surfactant Blend (0)

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[5-10%] Isopropanol (67-63-0) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TXAIR

[5-15%] Ground Limestone (1317-65-3) MASS, OSHAWAC, PA, TSCA, TXAIR

[<0.5%] RQ(1000LBS), Potassium hydroxide (1310-58-3) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

[1-5%] Propylene glycol (57-55-6) HAP, PA, TSCA

[1-5%] Distillates, petroleum, hydrotreated light naphthenic (64742-53-6) MASS, NJHS, TSCA

[<1%] Inert (Dye/Fragrance/preservative) (0) MASS, NJHS, TSCA

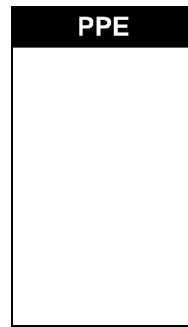
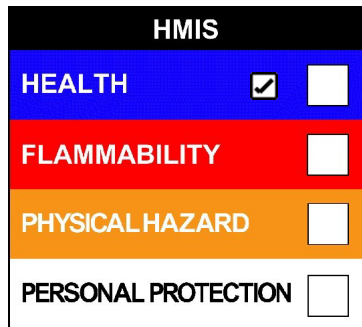
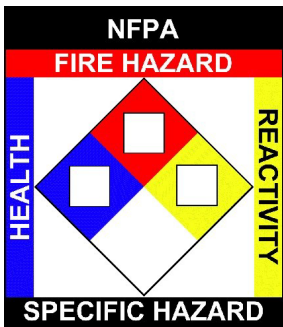
[--%] Water (7732-18-5) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

 RQ = Reportable Quantity
 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 NRC = Nationally Recognized Carcinogens
 OSHAWAC = OSHA Workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 SARA313 = SARA 313 Title III Toxic Chemicals
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level
 CERCLA = Superfund clean up substance
 CSWHS = Clean Water Act Hazardous substances
 HAP = Hazardous Air Pollutants

16 OTHER INFORMATION



Note:
 For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

Revision Date: 11/23/2022