

**Section 1 – MANUFACTURER INFORMATION**

<b>Manufacturer</b>	IMS Company	Emergency Phone	800-424-9300
	10373 Stafford Road	Prepared by	Product Safety Advisor
	Chagrin Falls, OH 44023-5296	Prepared/Revised	August 25, 2010
	WEB <a href="http://imscompany.com">imscompany.com</a>	E-mail	<a href="mailto:sales@imscompany.com">sales@imscompany.com</a>

**Products:**Item 149045 **Old Purple** Mold Polish**Product Use:** To polish tool steels and other critical metal parts**Section 2 – INGREDIENTS INFORMATION**

<b>Chemical/Common Name</b>	<b>CAS-Number</b>	<b>%</b>	
Non-Ionic Surfactant Blend		0 to 10	Not Established
Isopropanol	67-63-0	5 to 10	OSHA (TWA) 400 ppm ACGIH (TWA) 400 ppm
Calcium Carbonate	1317-65-3	5 to 15	OSHA (PEL) 2 mg/M <sup>3</sup> ACGIH (TLV) 5 mg/m <sup>3</sup>
Potassium Hydroxide	1310-58-3	<0.5	NIOSH (TWA) 50 ppm ceiling ACGIH (CEILING) 2 mg/m <sup>3</sup>
Propylene Glycol	57-55-6	1 to 5	OSHA (TWA) 50 ppm ceiling ACGIH (TWA) 39.4 ppm ceiling
Petroleum Distillates	64742-53-6	1 to 5	OSHA (PEL) 5 ppm (mist) ACGIH (TWA) 5 ppm (mist) NIOSH (TWA) 5 ppm (mist)
Inert (Dye/Fragrance/Preservative)		<1	Not Established
Water	7732-18-5	Balance	Not Established

**Section 3 – HAZARDS IDENTIFICATION****Odor/Appearance:** Opaque, purple semi-liquid.**POTENTIAL HEALTH EFFECTS****Routes of exposure:** Skin, eyes, inhalation, ingestion.**Eye Contact:** May cause immediate or delayed irritation. Irritation may show up as redness and/or swelling. May cause corneal damage.**Skin Contact:** Repeated or prolonged contact with skin may produce redness, irritation and/or dryness. May cause or aggravate dermatitis or other existing skin condition.**Inhalation:** Unlikely route of exposure, but inhalation of vapors may cause headaches, and/or nose and throat irritation.**Ingestion:** Ingestion may cause irritation to the mouth, esophagus and/or stomach.**Signs of overexposure:** Irritation of eyes, nose, throat or digestive tract.**Pre-existing Conditions Aggravated:** Skin and respiratory disorders. Alcoholism, kidney, liver, cardiovascular and nervous system disorders.

#### 4. First Aid Measures

**Eye Contact:** Flush with warm water for 15 minutes. Seek medical attention.

**Skin Contact:** Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

**Inhalation:** Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

**Ingestion:** Immediately give the person two large glasses of water. Do not induce vomiting. Get medical attention immediately.

\*\*\*\*\* **Do not give an unconscious or convulsing person anything by mouth!** \*\*\*\*\*

#### 5. Fire Fighting Measures

**Flash Point:** >200°F (TCC)

**Flammable limits in air, % by volume:** Upper: No Information Lower: No Information

**Extinguishing Media:** Dry chemical, carbon dioxide, halon or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials, and carbon dioxide will displace oxygen. Take proper precautions when using these materials.

**Special Fire Fighting Procedures:** Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely.

#### 6. Accidental Release Measures

**Spill or Leak Instructions:** Pick up spilled liquid on absorbent material.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind. Use protective equipment consistent with the situation. 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.

If required, notify state and local authorities.

#### 7. Handling and Storage

**Handling:** Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained.

**Storage:** Store in a cool, dry area, away from heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

#### 8. Exposure Controls / Personal Protection

**Protective Equipment:** Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts. Use ANSI-approved safety glasses.

**Engineering Controls:** General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

**Respiratory Protection:** Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety

equipment supplier). Above 1000 ppm, an approved self-contained breathing apparatus or airline respirator with full face-piece is required

**Other Suggested Equipment:** Eye wash station and emergency showers should be available. Spill containment equipment should be available.

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

**Exposure guidelines:**

Chemical/Common Name	CAS-Number	%	
Non-Ionic Surfactant Blend		0 to 10	Not Established
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**9. Physical and Chemical Properties**

<b>Boiling Point:</b>	>200°C Initial	<b>Specific Gravity:</b>	1.06
<b>Vapor Density (Air = 1):</b>	>1	<b>Water Solubility:</b>	dilutes
<b>Evaporation Rate (NBA = 1):</b>	<1		
<b>Odor/Appearance:</b>	Opaque, purple liquid		

**10. Stability and Reactivity**

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> not applicable
<b>Incompatibility:</b> Not applicable	<b>Hazardous Decomposition:</b> not applicable
<b>Hazardous Polymerization:</b> Will not occur	

**11. Toxicological Information**

**Component Toxicological Information:**

**Isopropyl Alcohol**

US ACGIH Threshold Limit Values TLV = 200 ppm, STEL = 400 ppm  
US NIOSH REL 400 ppm, STEL 500 ppm  
OSHA TWA 400 ppm, STEL 500 ppm,  
California TWA PEL 400 ppm, STEL 500 ppm

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## 12. Ecological Information

### Isopropyl Alcohol

Readily Biodegradable

Toxicity to fish: LC50 Pimephales Promelas > 6,000 mg/l, 96 hr (literature value)

## 13. Disposal Considerations

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

### ENVIRONMENTAL REGULATIONS

**SARA 302/304:** None

**SARA 311/312:** Acute Health ( x ) Chronic Health ( ) Fire ( x ) Reactive ( ) Sudden Release of Pressure ( )

**Section 313** none

**Californian Prop. 65:** none

**TSCA:** All the chemicals used in this product are TSCA listed.

Check with your local regulators to be sure all local regulations are met.

## 16. Other Information

**Hazard ratings:** This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

**NFPA:** Health: 2 Flammability: 0 Reactivity: 0

**HMIS:** Health: 2 Flammability: 0 Reactivity: 0

*Where: 4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT*

**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. IMS Company makes 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 MSDS does not indicate that the possessor of the MSDS was a purchaser or user of the subject product.