



**CASWELL INC**

## **Safety Data Sheet Iron Phosphate Primer**

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### **SECTION 1: Identification**

#### **1.1 Product identifier**

Product name	Iron Phosphate Primer
Product number	PCPRIMER
Brand	Caswell

#### **1.3 Recommended use of the chemical and restrictions on use**

Pre Paint Primer

#### **1.4 Supplier's details**

Name	Caswell Inc
Address	7696 Route 31 Lyons NY 14489 USA
Telephone	315 946 1213
Fax	315 946 4456
email	sales@caswellplating.com

#### **1.5 Emergency phone number(s)**

Office Hours (9-4ET): 315 946 1213  
24 Hour: CHEMTEL US# 1-800-255-3924 Intl# +01-813-248-0585

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### **SECTION 2: Hazard identification**

#### **2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture.

#### **2.2 GHS label elements, including precautionary statements**

Not a hazardous substance or mixture.

#### **2.3 Other hazards which do not result in classification**

Not a hazardous substance or mixture.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous components

##### 1. WATER OR OTHER NON-REPORTABLE INGREDIENTS

Concentration 80 - 90 % (weight)  
CAS no. 7732-18-5

##### 2. Dipropylene glycol monomethyl ether

Concentration 1 - 5 % (weight)  
CAS no. 34590-94-8

##### 3. Phosphoric acid liquid

Concentration 0.1 - 1 % (weight)  
EC no. 231-633-2  
CAS no. 7664-38-2  
Index no. 015-011-00-6

- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H314 Causes severe skin burns and eye damage

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.
In case of eye contact	Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection.
If swallowed	Drink water and do not induce vomiting.
Personal protective equipment for first-aid responders	None required

#### 4.2 Most important symptoms/effects, acute and delayed

Product is not hazardous. No negative effects from exposure should be expected.

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### SECTION 5: Fire-fighting measures

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**5.1 Suitable extinguishing media**  
Any available

**5.2 Specific hazards arising from the chemical**  
None

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### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**  
Product is not hazardous. Clean up using available means.

**6.2 Environmental precautions**  
None

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

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### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**  
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**1. Dipropylene glycol methyl ether (CAS: 34590-94-8)**

PEL (Inhalation): 100 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 600 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 100 ppm, (ST) 150 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**2. Phosphoric acid (CAS: 7664-38-2)**

PEL (Inhalation): 1 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup> (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup> (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Pictograms



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### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. For personal protection see section 8.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear Liquid
Odor	Sweet
Odor threshold	Not Established
pH	3.8-5
Melting point/freezing point	32 deg F
Initial boiling point and boiling range	212 deg F
Flash point	Not Flammable
Evaporation rate	Equal To Water
Flammability (solid, gas)	None
Upper/lower flammability limits	Not Established
Vapor pressure	Not Established
Vapor density	Not Established
Relative density	1.11-1.16
Solubility(ies)	Fully In Water
Partition coefficient: n-octanol/water	Not Established
Auto-ignition temperature	n/a
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

### Other safety information

VOC=0

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not reactive

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

None Known

### 10.4 Conditions to avoid

None Known

### 10.5 Incompatible materials

None Known

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**10.6 Hazardous decomposition products**  
None Known

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### SECTION 11: Toxicological information

#### Information on toxicological effects

**Acute toxicity**  
Not Established

**Skin corrosion/irritation**  
Not Established

**Serious eye damage/irritation**  
Not Established

**Respiratory or skin sensitization**  
Not Established

**Germ cell mutagenicity**  
Not Established

**Carcinogenicity**  
Not Established

**Reproductive toxicity**  
Not Established

**STOT-single exposure**  
Not Established

**STOT-repeated exposure**  
Not Established

**Aspiration hazard**  
Not Established

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### SECTION 12: Ecological information

**Toxicity**  
Not Established

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### SECTION 13: Disposal considerations

**Disposal of the product**  
Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

**Disposal of contaminated packaging**  
Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

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### SECTION 14: Transport information

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### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### New Jersey Right To Know Components

Common name: DIPROPYLENE GLYCOL METHYL ETHER

CAS number: 34590-94-8

#### Pennsylvania Right To Know Components

Chemical name: Propanol, (2-methoxymethylethoxy)-

CAS number: 34590-94-8

#### Massachusetts Right To Know Components

Chemical name: Phosphoric acid

CAS number: 7664-38-2

#### New Jersey Right To Know Components

Common name: PHOSPHORIC ACID

CAS number: 7664-38-2

### HMIS Rating

Iron Phosphate Primer	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

### NFPA Rating



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## SECTION 16: Other information

### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Caswell Inc be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental,

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consequential or exemplary damages, whatsoever arising, even if Caswell Inc has been advised of the possibility of such damages.