



Allied Pressroom Products  
Chemicals for the International Printing Industry

## SAFETY DATA SHEET PRESS CONTROL EWM (USA)

### 1. Identification

#### Product identifier

**Product name** PRESS CONTROL EWM (USA)

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

**Application** For use as a fountain solution in the lithographic printing industry. Fountain solution.

**Uses advised against** No specific uses advised against are identified.

#### Details of the supplier of the safety data sheet

**Supplier** ALLIED PRESSROOM PRODUCTS  
2040 Lee Street  
Hollywood  
FL 33020  
USA  
+1 800-327-8487 (09:00-17:00 EST)  
+1 954-923-6462  
info@alliedchem.com

**Manufacturer** Same as supplier

#### Emergency telephone number

**Emergency telephone** Allied Pressroom Products +1 800-327-8487 (09:00-17:00 EST) 24 HR. EMERGENCY TELEPHONE 800-424-9300 CHEMTREC

**National emergency telephone number** 911

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2A - H319 Skin Sens. 1 - H317

**Environmental hazards** Not Classified

**Human health** The product contains a sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals. Irritating to eyes.

#### Label elements

##### Pictogram



**Signal word** Warning

## PRESS CONTROL EWM (USA)

<b>Hazard statements</b>	H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
<b>Precautionary statements</b>	P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 If on skin: Wash with plenty of water. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P501 Dispose of contents/container in accordance with national regulations.
<b>Contains</b>	1,2-benzisothiazol-3(2H)-one

### Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### 3. Composition/information on ingredients

#### Mixtures

<b>2-BUTOXYETHANOL</b>	<b>5-10%</b>
CAS number: 111-76-2	
<b>Classification</b>	
Flam. Liq. 4 - H227	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
<b>DL-malic acid</b>	<b>1-5%</b>
CAS number: 617-48-1	
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>1,2-benzisothiazol-3(2H)-one</b>	<b>&lt;1%</b>
CAS number: 2634-33-5	
M factor (Acute) = 10	
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
<b>chromium hydroxide sulphate</b>	<b>&lt;1%</b>
CAS number: 12336-95-7	
<b>Classification</b>	
Acute Tox. 4 - H332	

## PRESS CONTROL EWM (USA)

The Full Text for all Hazard Statements are Displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Vapors may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause stomach pain or vomiting. Ingestion of large amounts may cause unconsciousness.
<b>Skin contact</b>	Allergic rash.
<b>Eye contact</b>	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

#### Indication of immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations.
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### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

#### Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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### 6. Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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#### Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground.
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#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers.
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<b>Reference to other sections</b>	For waste disposal, see Section 13.
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## PRESS CONTROL EWM (USA)

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapors.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

#### Control parameters

#### Occupational exposure limits

##### 2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm

Long-term exposure limit (8-hour TWA): OSHA 50 ppm 240 mg/m<sup>3</sup>

A3, Sk

##### chromium hydroxide sulphate

Long-term exposure limit (8-hour TWA): OSHA 0.5 mg/m<sup>3</sup>

as Cr

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

Sk = Danger of cutaneous absorption.

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

#### 2-BUTOXYETHANOL (CAS: 111-76-2)

<b>DNEL</b>	Industry - Inhalation; Long term systemic effects: 20 ppm Industry - Dermal; Short term systemic effects: 89 mg/kg/day Industry - Inhalation; Short term systemic effects: 135 ppm Industry - Inhalation; Short term local effects: 50 ppm Industry - Dermal; Long term systemic effects: 75 mg/kg/day
<b>PNEC</b>	- Marine water; 0.88 mg/l - Sediment (Freshwater); 43.6 mg/kg - Soil; 2.8 mg/kg - STP; 463 mg/l - Sediment (Marinewater); 3.46 mg/kg - Fresh water; 8.8 mg/l
<b>Immediate danger to life and health</b>	700 ppm

#### Mono Propylene Glycol (CAS: 57-55-6)

<b>DNEL</b>	Industry - Inhalation; Long term systemic effects: 168 mg/m <sup>3</sup> Industry - Inhalation; Long term local effects: 10 mg/m <sup>3</sup>
<b>PNEC</b>	- Sediment (Marinewater); 57.2 mg/kg - Soil; 50 mg/kg - Fresh water; 260 mg/l - STP; 20000 mg/l - Marine water; 26 mg/l - Sediment (Freshwater); 572 mg/kg - Intermittent release; 183 mg/l

#### Exposure controls

##### Protective equipment



## PRESS CONTROL EWM (USA)

<b>Appropriate engineering controls</b>	No specific ventilation requirements.
<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Color</b>	Dark. Purple.
<b>Odor</b>	Glycol ether.
<b>Odor threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): 3-4
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	212°F @ 760 mm Hg
<b>Flash point</b>	None <200°F TCC (Tag closed cup).
<b>Evaporation rate</b>	<1 (butyl acetate = 1)
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	<3 mm Hg @ 20°C
<b>Vapour density</b>	>1
<b>Relative density</b>	1.02 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Oxidising properties</b>	Not available.

## PRESS CONTROL EWM (USA)

**Comments** Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

**Volatile organic compound** This product contains a maximum VOC content of 142 g/litre. This product contains a maximum VOC content of 1.2 lb per Gallon.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** Stable at normal ambient temperatures.

**Possibility of hazardous reactions** Will not polymerize.

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

**Materials to avoid** Strong oxidizing agents. Strong reducing agents. Strong alkalis.

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>).

### 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 13,412.85

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 11,349.33

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (gases ppm)** 46,429.1

**ATE inhalation (vapours mg/l)** 113.49

**ATE inhalation (dusts/mists mg/l)** 15.48

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Irritating to eyes.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Sensitizing.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

## PRESS CONTROL EWM (USA)

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

### Inhalation

Vapours may cause drowsiness and dizziness.

### Ingestion

May cause stomach pain or vomiting. Ingestion of large amounts may cause unconsciousness.

### Skin Contact

May cause sensitisation by skin contact. Contains components which may penetrate the skin.

### Eye contact

Irritating to eyes.

### Route of entry

Skin and/or eye contact Inhalation

### Target Organs

Eyes Skin Central nervous system Respiratory system, lungs

### Medical Symptoms

Irritation of eyes and mucous membranes. Skin irritation. Symptoms following overexposure may include the following: Nausea, vomiting. Central nervous system depression. Unconsciousness, possibly death. Drowsiness, dizziness, disorientation, vertigo.

## 12. Ecological Information

### Ecotoxicity

Not known. The product contains a substance which is very toxic to aquatic organisms. However, this preparation has not been classified as hazardous to the environment using the conventional method calculation.

### Toxicity

#### **Acute toxicity - fish**

Not known.

#### **Acute toxicity - aquatic invertebrates**

Not known.

#### **Acute toxicity - aquatic plants**

Not known.

### Persistence and degradability

#### **Persistence and degradability**

There are no data on the degradability of this product.

### Bioaccumulative potential

#### **Bio-Accumulative Potential**

No data available on bioaccumulation.

#### **Partition coefficient**

No information available.

### Mobility in soil

#### **Mobility**

The product is soluble in water.

### Results of PBT and vPvB assessment

## PRESS CONTROL EWM (USA)

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

**Other adverse effects**

**Other adverse effects** Not known.

### 13. Disposal considerations

**Waste treatment methods**

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

Not applicable.

**Transport labels**

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

No.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**International Regulations**

**US Federal Regulations**

**SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

ETHYLENE OXIDE

<0.01%

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**



## PRESS CONTROL EWM (USA)

### SODIUM HYDROXIDE

<1%

### 1,4-DIOXANE

<0.01%

### ETHYLENE OXIDE

<0.01%

### ACETALDEHYDE

<0.01%

### ETHANEDIOL

<0.1%

### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed

### SARA 313 Emission Reporting

#### 2-BUTOXYETHANOL

5-10%

#### chromium hydroxide sulphate

<1%

### CAA Accidental Release Prevention

#### ETHYLENE OXIDE

<0.01%

#### ACETALDEHYDE

<0.01%

### FDA - Essential Chemical

Not listed

### FDA - Precursor Chemical

Not listed

### OSHA Highly Hazardous Chemicals

#### ETHYLENE OXIDE

<0.01%

#### ACETALDEHYDE

<0.01%

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

##### 1,4-DIOXANE

<0.01%

##### ETHYLENE OXIDE

<0.01%

##### ACETALDEHYDE

<0.01%

### California Air Toxics "Hot Spots" (A-I)

## PRESS CONTROL EWM (USA)

**AMMONIUM NITRATE**

<1%

**SODIUM HYDROXIDE**

<1%

**1,4-DIOXANE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

**ACETALDEHYDE**

<0.01%

**oxydipropanol**

<1%

**ETHANEDIOL**

<0.1%

**2-BUTOXYETHANOL**

5-10%

**California Air Toxics "Hot Spots" (A-II)**

Not listed

**California Directors List of Hazardous Substances**

**SODIUM HYDROXIDE**

<1%

**1,4-DIOXANE**

<0.01%

**ETHYLENE OXIDE**

<0.01%

**ACETALDEHYDE**

<0.01%

**ETHANEDIOL**

<0.1%

**2-BUTOXYETHANOL**

5-10%

**Massachusetts "Right To Know" List**

**AMMONIUM NITRATE**

<1%

**Glycerine**

10-30%

**SODIUM HYDROXIDE**

<1%

**Distillates (petroleum),hydrotreated light naphthenic**

<0.01%

**1,4-DIOXANE**

<0.01%

**PRESS CONTROL EWM (USA)****ETHYLENE OXIDE**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**ETHANEDIOL**

&lt;0.1%

**2-BUTOXYETHANOL**

5-10%

**SODIUM SULPHATE**

&lt;0.1%

**Rhode Island "Right To Know" List****Mono Propylene Glycol**

1-5%

**AMMONIUM NITRATE**

&lt;1%

**Glycerine**

10-30%

**SODIUM HYDROXIDE**

&lt;1%

**1,4-DIOXANE**

&lt;0.01%

**ETHYLENE OXIDE**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**ETHANEDIOL**

&lt;0.1%

**2-BUTOXYETHANOL**

5-10%

**Minnesota "Right To Know" List****Mono Propylene Glycol**

1-5%

**Propane-1,2-diol, propoxylated**

1-5%

**Glycerine**

10-30%

**SODIUM HYDROXIDE**

&lt;1%

**1,4-DIOXANE**

&lt;0.01%

**ETHYLENE OXIDE**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**PRESS CONTROL EWM (USA)****ETHANEDIOL**

&lt;0.1%

**2-BUTOXYETHANOL**

5-10%

**Poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -hydroxy- Ethane-1,2-diol, ethoxylated**

&lt;1%

**New Jersey "Right To Know" List****Mono Propylene Glycol**

1-5%

**AMMONIUM NITRATE**

&lt;1%

**Glycerine**

10-30%

**SODIUM HYDROXIDE**

&lt;1%

**1,4-DIOXANE**

&lt;0.01%

**ETHYLENE OXIDE**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**ETHANEDIOL**

&lt;0.1%

**2-BUTOXYETHANOL**

5-10%

**Pennsylvania "Right To Know" List****Mono Propylene Glycol**

1-5%

**AMMONIUM NITRATE**

&lt;1%

**Glycerine**

10-30%

**SODIUM HYDROXIDE**

&lt;1%

**1,4-DIOXANE**

&lt;0.01%

**ETHYLENE OXIDE**

&lt;0.01%

**ACETALDEHYDE**

&lt;0.01%

**oxydipropanol**

&lt;1%

**ETHANEDIOL**

&lt;0.1%

## PRESS CONTROL EWM (USA)

### 2-BUTOXYETHANOL

5-10%

### SODIUM SULPHATE

&lt;0.1%

#### Inventories

##### Canada - DSL/NDSL

All the ingredients are listed or exempt.  
DSL

##### US - TSCA

All the ingredients are listed or exempt.

##### US - TSCA 12(b) Export Notification

### ACETALDEHYDE

&lt;0.01%

#### 16. Other information

**Key literature references and sources for data** Material Safety Data Sheet, Misc. manufacturers.

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** J Waterfield

**Revision date** 6/12/2015

**Revision** 2.0

**Supersedes date** 4/1/2014

**SDS No.** 21324

**Hazard statements in full** H227 Combustible liquid.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

**ACA HMIS Health rating.** Moderate hazard. (2)

**ACA HMIS Physical hazard rating.** Normally stable. (0)

**ACA HMIS Personal protection rating.** C

**ACA HMIS Flammability rating.** Burns only if pre-heated. (1)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.