

## SAFETY DATA SHEET

FCEM-DYEW

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<b>SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY</b>
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**MANUFACTURER'S NAME / ADDRESS**

**ARIZONA POLYMER FLOORING**  
 4565 W WATKINS ST.  
 PHOENIX, AZ 85043 .

**TRADE NAME:** CEM-DYE W  
**CHEMICAL FAMILY:** WATERBASED COLORANT SOLUTION  
**MAIN USE:** DYE FOR CEMENTITIOUS SUBSTRATES

**EMERGENCY TELEPHONE NUMBER:** (800) 424-9300 (CHEMTREC)

<b>SECTION 2: HAZARDS IDENTIFICATION</b>
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**GLOBALLY HARMONIZED SYSTEM (GHS)**

**CLASSIFICATION:** HAZARDOUS  
**CARCINOGENICITY:** CATEGORY 2

**GHS LABEL ELEMENTS**  
**HAZARD PICTOGRAMS**



**SIGNAL WORD:** WARNING!

**HAZARD STATEMENTS:**  
 H351: SUSPECTED OF CAUSING CANCER

**PRECAUTIONARY STATEMENTS:**

**PREVENTION**

P202: DO NOT HANDLE UNTIL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD

**RESPONSE**

P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

**DISPOSAL**

P501: DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT

**OTHER HAZARDS**

NO DATA AVAILABLE

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
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<b>HAZARDOUS INGREDIENTS</b>	<b>Wt. %</b>	<b>CAS Number</b>
GLYCOL ETHER EP	0-30	002807-30-9
GLYCOL ETHER DB	0-15	000112-34-5
PROPYLENE GLYCOL ETHER DPM	0-15	034590-94-8
PROPYLENE GLYCOL USP	0-5	000057-55-6
ETHYL LACTATE	0-5	000097-64-3
CHROMIUM AS Cr+3 (COMPLEXED IN DYE MOLECULE)	0-5	007440-47-3

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### SECTION 4: FIRST AID MEASURES

**GENERAL:** REMOVE AFFECTED PERSON FROM AREA. TREAT SYMPTOMATICALLY.

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

**SKIN:** WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

**INHALATION:** MOVE TO FRESH AIR. IF BREATHING REMAINS OR BECOMES LABORED, SEEK MEDICAL ATTENTION.

**INGESTION:** GIVE 3 – 4 GLASSES OF MILK OR WATER. **DO NOT INDUCE VOMITING.** SEEK MEDICAL ATTENTION.

### SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** NA

**OSHA CLASS:** NONE SHOWN

**CONDITIONS OF FLAMMABILITY:** NA

**AUTO IGNITION TEMP.:** NA

**FLAMMABLE LIMITS:** LEL: NE UEL: NE

**SENSITIVITY TO IMPACT:** NONE

**HAZARDOUS COMBUSTION PRODUCTS:** CO, CO<sub>2</sub>,

**SENSITIVITY TO STATIC DISCHARGE:** NONE

**EXTINGUISHING MEDIA:** WATER, CO<sub>2</sub>, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** NONE LIKELY WITH SMALL QUANTITIES. FOR LARGE QUANTITIES, FIREFIGHTERS AND OTHERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES AND BODY SUIT. SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS:** NONE

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** COVER SPILLS WITH ABSORBENT. PLACE IN METAL CONTAINERS FOR RECOVERY OR DISPOSAL. PREVENT ENTRY INTO SEWERS, STORM DRAINS, AND WATERWAYS.

### SECTION 7: HANDLING AND STORAGE

**GENERAL:** STORE IN COOL, WELL VENTILATED AREAS. KEEP AWAY FROM HEAT AND OPEN FLAMES. AVOID PROLONGED INHALATION OF HEATED VAPORS OR MISTS. AVOID PROLONGED SKIN CONTACT.

**STORAGE:** STORE BETWEEN 40°F AND 100°F PROTECTED FROM FROST AND DIRECT SUNLIGHT.

### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
002807-30-9	NE	NE	NE	NE	
000112-34-5	50	NE	20	NE	
034590-94-8	100	NE	100	NE	
000057-55-6	NE	NE	NE	NE	
000097-64-3	NE	NE	NE	NE	
007440-47-3	0.5mg/m <sup>3</sup>	NE	0.5mg/m <sup>3</sup>	NE	NOTE 1

**LEGEND:** (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK  
**NOTE 1:** VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

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### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION CON'T.

**ENGINEERING CONTROLS:** NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

**RESPIRATORY PROTECTION:** NONE REQUIRED IN ADEQUATELY VENTILATED AREAS. IF VAPOR CONCENTRATION EXCEEDS 20ppm FOR LONGER THAN 15 MINUTES, A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IS RECOMMENDED.

**PROTECTIVE GLOVES:** NITRILE RUBBER

**EYE PROTECTION:** SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES

**OTHER PROTECTIVE EQUIPMENT:** LONG SLEEVED SHIRTS AND TROUSERS. EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** >100°C (>212° F)

**SPECIFIC GRAVITY:** 0.95-1.05

**VAPOR PRESSURE:** ND

**MELTING POINT:** ND

**VAPOR DENSITY:** >1  
(AIR = 1)

**EVAPORATION RATE:** <1  
(BUTYL ACETATE = 1)

**SOLUBILITY IN WATER:** DILUTABLE

**pH:** ND

**COEFFICIENT of WATER/OIL DISTRIBUTION:** ND

**ODOR THRESHOLD:** ND

**APPEARANCE AND ODOR:** VARIOUS COLORED LIQUID, MILD ODOR

**% VOLATILES BY VOLUME:** 90%

**%SOLIDS BY WEIGHT:** 11%

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** AVOID ELEVATED TEMPERATURES

**INCOMPATIBILITY (MATERIAL TO AVOID):** NONE KNOWN

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE KNOWN

**HAZARDOUS POLYMERIZATION (REACTIVITY):** WILL NOT OCCUR

**CONDITIONS TO AVOID:** KEEP FROM FREEZING

### SECTION 11: TOXICOLOGICAL INFORMATION

**LIKELY ROUTES OF EXPOSURE:** EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION.

**EYES:**

ACUTE – MAY CAUSE MILD IRRITATION WITH BLURRED VISION.

CHRONIC– ND

**SKIN CONTACT:**

ACUTE – TRANSIENT IRRITATION AND REDNESS.

CHRONIC – ND

**SKIN ABSORPTION:**

ACUTE – ND

CHRONIC – ND

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### SECTION 11: TOXICOLOGICAL INFORMATION

#### **INHALATION:**

ACUTE – INHALATION OF MISTS MAY CAUSE MILD RESPIRATORY TRACT IRRITATION.

CHRONIC – EXCESSIVE EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION OF EYES, NOSE AND THROAT.

#### **INGESTION:**

ACUTE – MAY CAUSE MILD IRRITATION OF GASTRO-INTESTINAL TRACT

CHRONIC – ND

**CONDITIONS AGGRAVATED BY EXPOSURE:** NONE KNOWN.

#### **OVEREXPOSURE EFFECTS:** IRRITATION

IRRITANCY: YES - REVERSIBLE

SENSITIZER: NO

#### **ACUTE TOXICITY**

##### **ACUTE ORAL TOXICITY**

LD50, RAT >5,000 mg/kg

#### **SKIN CORROSION/IRRITATION**

RABBIT, NON-IRRITANT

#### **SERIOUS EYE DAMAGE/EYE IRRITATION**

RABBIT, SLIGHT IRRITATION

**CARCINOGENIC DATA:** NTP: NONE                      OSHA: NONE                      IARC: GROUP 3 UNCLASSIFIABLE  
ON HUMAN CARCINOGENICITY

TERATOGENICITY: NO

MUTAGENICITY: NO

EMBRYOTOXICITY: NO

SYNERGISTIC MATERIAL: NO

**ACUTE TOXICITY EFFECTS:** ND

### SECTION 12: ECOLOGICAL INFORMATION

#### **TOXICITY**

##### **ACUTE TOXICITY TO FISH**

ND

##### **ACUTE TOXICITY TO AQUATIC INVERTEBRATES**

ND

##### **ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS**

ND

##### **TOXICITY TO BACTERIA**

ND

#### **PERSISTANCE AND DEGRADABILITY**

##### **BIODEGRADABILITY**

ND

### SECTION 13: DISPOSAL CONSIDERATIONS

**CONTAIN- DO NOT RELEASE:** DO NOT RELEASE INTO SEWERS, WATER SYSTEMS, GROUND SYSTEMS OR ECOSYSTEMS WITHOUT PROPER AUTHORIZATION

**WASTE DISPOSAL METHODS:** INCINERATE, TREAT OR BURY (LANDFILL), AFTER SAMPLING AND TESTING, AT A FACILITY APPROVED BY APPLICABLE FEDERAL, STATE AND LOCAL AUTHORITIES.



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**SECTION 14: TRANSPORT INFORMATION**

**DOT PROPER SHIPPING NAME:** NOT REGULATED

**HAZARD CLASS:** NA

**UN NUMBER:** NA

**PACKAGING GROUP:** NA

**DOT PRODUCT RQ LBS (KGS):** NA

**HAZARD LABEL:** NA

**HAZARD PLACARD** NA

**ADDITIONAL INFORMATION:** NONE

**SECTION 15: REGULATORY INFORMATION**

**VOC:** < 850 g/l

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** ALL COMPONENTS ARE LISTED IN THE TSCA CHEMICAL SUBSTANCE INVENTORY.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT):** ND

**SARA TITLE III**

**SECTION 312 HAZARD CLASS:** SLIGHT HEALTH HAZARD

**SECTION 313 LISTED INGREDIENTS:** NONE ABOVE de Minimus LEVELS

**CALIFORNIA PROPOSITION 65:** THE BELOW LIST OF COMPOUNDS IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: NONE

**SECTION 16: OTHER INFORMATION**

**INITIAL ISSUE DATE:** OCTOBER 18, 2015

**REVISION DATE:**

**PREPARED BY:** J.W. ESSIG

**HAZARD RATING**

**HMIS:** HEALTH 1 FLAMMABILITY 0 REACTIVITY 0

**LEGEND**

**ACGIH:** AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

**OSHA:** OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

**STEL:** SHORT TERM EXPOSURE LIMIT

**TWA:** TIME WEIGHTED AVERAGE

**PEL:** PERMISSIBLE EXPOSURE LIMIT

**TLV:** THRESHOLD LIMIT VALUE

**NA:** NOT APPLICABLE

**NE:** NOT ESTABLISHED

**ND:** NO DATA

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