

**SAFETY DATA SHEET****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY****MANUFACTURER'S NAME / ADDRESS**

ARIZONA POLYMER FLOORING  
7731 N. 68<sup>TH</sup> AVE.  
GLENDALE, AZ 85303

TRADE NAME: S-4000 ACID STAIN  
CHEMICAL FAMILY: HYDROCHLORIC ACID  
MAIN USE: REACTIVE CONCRETE STAIN

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

**SECTION 2: HAZARDS IDENTIFICATION****GLOBALLY HARMONIZED SYSTEM (GHS)  
CLASSIFICATION:****VINTAGE UMBER AND BUCKSKIN COLORS**

SKIN CORROSION: CATEGORY 1B

ACUTE TOXICITY: CATEGORY 3

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

**SIGNAL WORD:** DANGER!

**HAZARD STATEMENTS:**

H301: TOXIC IF SWALLOWED

H312: HARMFUL IN CONTACT WITH SKIN

H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

H332: HARMFUL IF INHALED

H290: MAY BE CORROSIVE TO METAL

**PRECAUTIONARY STATEMENTS:****PREVENTION**

P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION

P270: DO NOT EAT, DRINK, OR SMOKE WHILE USING THIS PRODUCT

P271: USE ONLY OUTDOORS OR IN WELL VENTILATED AREA

P284: (IN CASE OF INADEQUATE VENTILATION) WEAR RESPIRATORY PROTECTION

P260: DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY

P273: AVOID RELEASE TO THE ENVIRONMENT

P264: WASH SKIN THOROUGHLY AFTER HANDLING

# SAFETY DATA SHEET

Page 2 of 9

## SECTION 2: HAZARDS IDENTIFICATION CON'T.

### PRECAUTIONARY STATEMENTS:

#### RESPONSE

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

P303+P352: **IF ON SKIN (OR HAIR):** WASH WITH PLENTY OF SOAP AND WATER

P333+P311: IF SKIN IRRITATION OR RASH OCCURS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN

P304+P340 + P310: **IF INHALED:** REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. IMMEDIATELY CALL A **POISON CENTER** OR DOCTOR/PHYSICIAN

P305+P351+P338: **IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING.

P301+P310: **IF SWALLOWED;** IMMEDIATELY CALL A **POISON CENTER** OR DOCTOR/PHYSICIAN

#### STORAGE

P220: KEEP/STORE AWAY FROM CLOTHING

P233: KEEP CONTAINER TIGHTLY CLOSED

#### DISPOSAL

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

### **GREEN, BLUE, TEAL AND BRONZE COLORS**

SKIN CORROSION: CATEGORY 1B

ACUTE TOXICITY: CATEGORY 3

ACUTE AQUATIC TOXICITY: CATEGORY 1

CHRONIC AQUATIC TOXICITY: CATEGORY 2

### GHS LABEL ELEMENTS

#### HAZARD PICTOGRAMS



SIGNAL WORD: DANGER!

### HAZARD STATEMENTS:

H301: TOXIC IF SWALLOWED

H312: HARMFUL IN CONTACT WITH SKIN

H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

H332: HARMFUL IF INHALED

H290: MAY BE CORROSIVE TO METALS

H410: VERY TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS

### PRECAUTIONARY STATEMENTS:

#### PREVENTION

P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION

P270: DO NOT EAT, DRINK, OR SMOKE WHILE USING THIS PRODUCT

P271: USE ONLY OUTDOORS OR IN WELL VENTILATED AREA

P284: (IN CASE OF INADEQUATE VENTILATION) WEAR RESPIRATORY PROTECTION

P260: DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY

P273: AVOID RELEASE TO THE ENVIRONMENT

P264: WASH SKIN THOROUGHLY AFTER HANDLING

SPECIALIZED FLOOR COATINGS & DECORATIVE CONCRETE SYSTEMS

# SAFETY DATA SHEET

Page 3 of 9

## SECTION 2: HAZARDS IDENTIFICATION CON'T.

### PRECAUTIONARY STATEMENTS:

#### RESPONSE

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

P303+P352: **IF ON SKIN (OR HAIR):** WASH WITH PLENTY OF SOAP AND WATER

P333+P311: IF SKIN IRRITATION OR RASH OCCURS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN

P304+P340 + P310: **IF INHALED:** REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. IMMEDIATELY CALL A **POISON CENTER** OR DOCTOR/PHYSICIAN

P305+P351+P338: **IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING.

P301+P310: **IF SWALLOWED;** IMMEDIATELY CALL A **POISON CENTER** OR DOCTOR/PHYSICIAN

#### STORAGE

P220: KEEP/STORE AWAY FROM CLOTHING

P233: KEEP CONTAINER TIGHTLY CLOSED

#### DISPOSAL

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

### **ALL OTHER COLORS**

**SKIN CORROSION:** CATEGORY 1B

**ACUTE TOXICITY:** CATEGORY 3

**ACUTE AQUATIC TOXICITY:** CATEGORY 1

**ACUTE DERMAL TOXICITY:** CATEGORY 4

**GERM CELL MUTAGENICITY:** CATEGORY 1B

**REPRODUCTIVE TOXICITY:** CATEGORY 1B

### GHS LABEL ELEMENTS

#### HAZARD PICTOGRAMS



**SIGNAL WORD:** DANGER!

#### HAZARD STATEMENTS:

H301: TOXIC IF SWALLOWED

H312: HARMFUL IN CONTACT WITH SKIN

H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

H332: HARMFUL IF INHALED

H290: MAY BE CORROSIVE TO METAL

H351: SUSPECTED OF CAUSING CANCER

H451: SUSPECTED OF CAUSING GENETIC DEFECTS

H400: VERY TOXIC TO AQUATIC LIFE

# SAFETY DATA SHEET

<b>SECTION 2: HAZARDS IDENTIFICATION CON'T.</b>
---

**PRECAUTIONARY STATEMENTS:**

**PREVENTION**

- P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION
- P270: DO NOT EAT, DRINK, OR SMOKE WHILE USING THIS PRODUCT
- P271: USE ONLY OUTDOORS OR IN WELL VENTILATED AREA
- P284: (IN CASE OF INADEQUATE VENTILATION) WEAR RESPIRATORY PROTECTION
- P260: DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY
- P273: AVOID RELEASE TO THE ENVIRONMENT
- P264: WASH SKIN THOROUGHLY AFTER HANDLING

**RESPONSE**

- P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.
- P303+P352: **IF ON SKIN (OR HAIR):** WASH WITH PLENTY OF SOAP AND WATER
- P333+P311: IF SKIN IRRITATION OR RASH OCCURS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN
- P304+P340 + P310: **IF INHALED:** REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. IMMEDIATELY CALL A **POISON CENTER** OR DOCTOR/PHYSICIAN
- P305+P351+P338: **IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING.
- P301+P310: **IF SWALLOWED;** IMMEDIATELY CALL A **POISON CENTER** OR DOCTOR/PHYSICIAN

**STORAGE**

- P220: KEEP/STORE AWAY FROM CLOTHING
- P233: KEEP CONTAINER TIGHTLY CLOSED

**DISPOSAL**

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

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
--

COLOR	COMPONENT	CAS NO.	WEIGHT %
GREEN, BLUE, TEAL, BRONZE	HYDROCHLORIC ACID	007647-01-0	1-5
	CUPRIC CHLORIDE	010125-13-0	10-30
WALNUT	HYDROCHLORIC ACID	007647-01-0	1-5
	FERRIC CHLORIDE	010025-77-1	5-10
	MANGANESE CHLORIDE	013446-34-9	5-10
	SODIUM DICHROMATE	007789-12-0	7-15
TERRACOTTA	HYDROCHLORIC ACID	007647-01-0	1-5
	FERRIC CHLORIDE	010025-77-1	10-30
	FERROUS CHLORIDE	013478-10-9	10-30
COLA	FERRIC CHLORIDE	010025-77-1	15-40
	SODIUM DICHROMATE	007789-12-0	7-15
BLACK	HYDROCHLORIC ACID	007647-01-0	1-5
	FERROUS CHLORIDE	013478-10-9	7-15
	MANGANESE CHLORIDE	013446-34-9	10-30
	SODIUM DICHROMATE	007789-12-0	7-15
VINTAGE UMBER	HYDROCHLORIC ACID	007647-01-0	1-5
	FERRIC CHLORIDE	010025-77-1	10-30
	MANGANESE CHLORIDE	013446-34-9	10-30
BUCKSKIN	HYDROCHLORIC ACID	007647-01-0	1-5
	FERROUS CHLORIDE	013478-10-9	10-30

# SAFETY DATA SHEET

Page 5 of 9

## SECTION 4: FIRST AID MEASURES

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

**EYES:** IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR AT LEAST 30 MINUTES IS IMPERATIVE. SEEK MEDICAL ATTENTION.

**SKIN:** IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR AT LEAST 30 MINUTES IS INDICATED. 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:** RELEASES HYDROGEN CHLORIDE GAS WHEN HEATED. ALSO REACTS WITH MOST METALS TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURE WITH AIR

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** COVER SPILLS WITH ABSORBENT. NEUTRALIZE SPILLS WITH LIME, SODIUM BICARBONATE OR CRUSHED LIMESTONE. PREVENT ENTRY INTO SEWERS, STORM DRAINS, 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.

# SAFETY DATA SHEET

Page 6 of 9

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
007647-01-0	5	NE	5	NE	
010025-77-1	ND	ND	1.0mg/m <sup>3</sup>	ND	
007789-12-0	0.005mg/m <sup>3</sup>	ND	0.05mg/m <sup>3</sup>	ND	
010125-13-0	1.0mg/m <sup>3</sup>	ND	1.0mg/m <sup>3</sup>	ND	
013478-10-9	ND	ND	1.0mg/m <sup>3</sup>	ND	
013446-34-9	1.0mg/m <sup>3</sup>	ND	200	ND	

**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.

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

**RESPIRATORY PROTECTION:** NONE REQUIRED IN ADEQUATELY VENTILATED AREAS.

**PROTECTIVE GLOVES:** NITRILE RUBBER

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

**OTHER PROTECTIVE EQUIPMENT:** WEAR CHEMICALLY PROTECTIVE GLOVES, BOOTS, APRONS AND GAUNTLETS TO PREVENT PROLONGED OR REPEATED SKIN CONTACT. EMERGENCY EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** >100°C (>212° F)

**SPECIFIC GRAVITY:** 1.00-1.30

**VAPOR PRESSURE:** < 10<sup>-5</sup> mm HG @ 20°C

**MELTING POINT:** ND

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

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

**SOLUBILITY IN WATER:** SOLUBLE

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

**ODOR THRESHOLD:** ND

**APPEARANCE AND ODOR:** COLORED LIQUID, CHLORIDE ODOR

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** AVOID ELEVATED TEMPERATURES

**INCOMPATIBILITY (MATERIAL TO AVOID):** CONTACT WITH COMMON METALS, INCLUDING ALUMINUM OR MAGNESIUM.

**HAZARDOUS DECOMPOSITION PRODUCTS:** MAY FORM TOXIC AND HAZARDOUS GASES INCLUDING FUMES OF HYDROGEN CHLORIDE.

**HAZARDOUS POLYMERIZATION (REACTIVITY):** WILL NOT OCCUR UNDER NORMAL TEMPERATURES AND PRESSURES.

# SAFETY DATA SHEET

Page 7 of 9

## SECTION 11: TOXICOLOGICAL INFORMATION

**PRIMARY ROUTES OF ENTRY:** EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION.

**HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)**

**EYES:** MAY CAUSE SEVERE IRRITATION, IMPAIRMENT AND PERMANENT DAMAGE.

**SKIN CONTACT:** SEVERE IRRITATION, INFLAMMATION, ULCERATION, NECROSIS AND BURNS WITH PERMANENT DAMAGE

**SKIN ABSORPTION:** ND

**INHALATION:** – BURNING SENSATION IN THROAT, ESOPHAGUS AND STOMACH WITH CONSEQUENT PAIN, UNEASINESS.

**INGESTION:** NAUSEA, VOMITING, DIARRHEA, CHILLS AND INTENSE THIRST

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

**OVEREXPOSURE EFFECTS:** IRRITATION

IRRITANCY: YES

SENSITIZER: NO

**ACUTE TOXICITY:** NO DATA ON THE PRODUCT ITSELF

### ACUTE ORAL TOXICITY- COMPONENTS

SODIUM DICHROMATE	LD50(4 HR): 51 mg/kg	SPECIES: RAT
CUPRIC CHLORIDE	LD50(4 HR): 584 mg/kg	SPECIES: RAT
MANGANESE CHLORIDE	LD50(4 HR): 1484 mg/kg	SPECIES: RAT
FERRIC CHLORIDE	LD50(4 HR): 316 mg/kg	SPECIES: RAT
HYDROCHLORIC ACID	LD50(4 HR): 900 mg/kg	SPECIES: RABBIT

### ACUTE DERMAL TOXICITY- COMPONENTS

SODIUM DICHROMATE	LD50: 1000 mg/kg	SPECIES: RABBIT
HYDROCHLORIC ACID	LD50: > 5010 mg/kg	SPECIES: RABBIT

### ACUTE INHALATION TOXICITY- COMPONENTS

SODIUM DICHROMATE	LC50(4 HR): 124 mg/kg	SPECIES: RAT
HYDROCHLORIC ACID	LC50(30 MIN): 6400 mg/kg	SPECIES: RAT

**SKIN CORROSION/IRRITATION**

SEVERELY IRRITATING, RABBIT

**SERIOUS EYE DAMAGE/EYE IRRITATION**

SEVERELY IRRITATING, RABBIT

**SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)**

ND

**SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)**

ND

**GERM CELL MUTAGENICITY:**

ANIMAL TESTING ON THIS SUBSTANCE INDICATE POSSIBLE MUTAGEN; TESTS ON BACTERIAL AND MAMMALIAN CELL CULTURES DID NOT SHOW MUTAGENIC EFFECTS.

**CARCINOGENIC DATA:** NTP: YES OSHA: NO IARC: YES (1A)

**REPRODUCTIVE TOXICITY:**

SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. AVOID EXPOSURE TO WOMAN DURING EARLY PREGNANCY.

# SAFETY DATA SHEET

Page 8 of 9

## SECTION 12: ECOLOGICAL INFORMATION

### TOXICITY

**AQUATIC TOXICITY:** NO DATA ON THE PRODUCT ITSELF

#### ACUTE TOXICITY TO FISH- COMPONENTS

SODIUM DICHROMATE	LC50 (96 HRS): 31 mg/l	SPECIES: FATHEAD MINNOW
FERRIC CHLORIDE	LC50 (96 HRS): 6 mg/l	SPECIES: STRIPED BASS
HYDROCHLORIC ACID	LC50 (96 HRS): 282 mg/l	SPECIES: MOSQUITO FISH

#### ACUTE TOXICITY TO AQUATIC INVERTEBRATES: COMPONENTS

FERRIC CHLORIDE	EC50 (96 HRS): 6 mg/l	SPECIES: DAPHNIA MAGNA
HYDROCHLORIC ACID	EC50 (48 HRS): 100-300 mg/l	SPECIES: SHRIMP, SALT WATER

#### ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS: COMPONENTS

ND

#### ACUTE TOXICITY TO BACTERIA: COMPONENTS

ND

**CHRONIC AQUATIC TOXICITY:** ND

### PERSISTANCE AND DEGRADABILITY

ND

### BIOACCUMULATIVE POTENTIAL

**BIOACCUMULATION:** POTENTIAL FOR BIOACCUMULATION OF METALS

**MOBILITY IN SOIL:** HIGHLY MOBILE IN WET SOIL

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** THIS PRODUCT SHOULD NOT BE ALLOWED TO ENTER DRAINS, WATER COURSES OR THE SOIL. PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

## SECTION 14: TRANSPORT INFORMATION

**DOT PROPER SHIPPING NAME:** UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (HYDROCHLORIC ACID ), 8, PG III

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

**HAZARD LABEL:** CORROSIVE LIQUID

**HAZARD PLACARD:** CORROSIVE LIQUID

**IMO SHIPPING DATA:** UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (HYDROCHLORIC ACID ), 8, PG III

**ICAO/IATA SHIPPING DATA:** UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (HYDROCHLORIC ACID ), 8, PG III

**PASSENGER AIR MAX QUANTITY:** 1L

**PASSENGER PACKING INSTRUCTION:** 851

**CARGO AIR- MAX QUANTITY:** 30L

**CARGO AIR INSTRUCTION NUMBER:** 855



# SAFETY DATA SHEET

Page 9 of 9

## SECTION 15: REGULATORY INFORMATION

MATERIAL VOC = 0 gram / liter

COATING VOC = 0 gram/liter

**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:** IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD

**SECTION 313 LISTED INGREDIENTS:** HYDROCHLORIC ACID, MANGANESE CHLORIDE, SODIUM DICHROMATE, CUPRIC CHLORIDE

**CALIFORNIA PROPOSITION 65:** THE BELOW LIST OF COMPOUNDS IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: CHROMIUM (HEXAVALENT COMPOUNDS) CONTAINED IN BLACK, COLA AND WALNUT

## SECTION 16: OTHER INFORMATION

**INITIAL ISSUE DATE:** OCTOBER 24, 2015

**REVISION DATE:**

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

### HAZARD RATING

**HMIS:** HEALTH 3 FLAMMABILITY 0 REACTIVITY 1

### 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

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.