# **CT-Prime**

# **Section 1: Company and Product Identification**

Product Name: CT-Prime

**Product use:** Concrete Countertop Sealer and Protector.

Effective Date: April 22 2020

Manufacturer Information: ICT Reactive

1474 Skunk Ranch Rd. Murphys, CA 95247 Domestic (209) 728-8549

### **Section 2: Hazards Identification**

**GHS Pictogram** 



**Irritant** 

# GHS Signal Word: WARNING

This product is alkaline. Avoid contact with eyes and skin.

Keep out of reach of children. The product may be harmful if it is inhaled or swallowed.

# POTENTIAL HEALTH EFFECTS:

## **CODE OF HAZARD STATEMENTS:**

#### Physical hazards

None.

#### **Health Hazards**

H303-may be harmful if swallowed.

H312-Harmful in contact with skin.

H319-Causes serious eye irritation.

H333-May be harmful if inhaled.

# **Environmental hazards**

None.

### **CODE OF PRECAUTIONARY STATEMENTS:**

#### General

P101-Keep out of reach of children.

P103-Read label before use.

#### **Prevention statements**

P202-Do not handle until all safety precautions have been read and understood.

P262-Do not get in eyes, on skin or on clothing.

P264-Wash thoroughly after handling using this product.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

P284-Wear respiratory protection.

## Response statements

P312-Call a POISON CENTER or doctor/physician if you feel unwell.

P331-DO NOT induce vomiting.

P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P352, Wash with plenty of soap and water.

P362, Take off contaminated clothing and wash before reuse.

#### Storage

P403-Store in well-ventilated place.

P404-Store in a closed container.

ROUTES OF ENTRY: Eye contact, skin adsorption, ingestion and inhalation.

**CARCINOGENICITY:** None know at this time.

# Section 3: Information on Ingredients Contributing to Irritant Hazard

IngredientsCAS #EINECS No% by weightREACH Reg. #Lithium Silicate12627-14-4235-730-001-15Yes

#### **Section 4: First Aid**

**Eye Contact**: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

**Inhalation**: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

## **Section 5 Fire Fighting Measures**

**Flash Point**: Not flammable Flammability Limits: NE **Fire Fighting Media**: Dry chemical, carbon dioxide, and water spray.

Special Fire Fighting Procedures: First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE). Material is alkaline and may cause the floor to be slippery.

## **Section 6: Accidental Release Measures**

**Clean-up Procedures**: Material is alkaline wear proper PPE. Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use plastic shovel to pick up absorbent for disposal. Do not dispose of in storm drains or sewer systems.

Spills and Leaks: Dispose in accordance to local, state or federal regulations.

### **Section 7: Handling and Storage**

Handling: Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

Storage: Store in original labeled container. Keep in cool and dry areas.

### **Section 8: Exposure Control and Personal Protection**

Introductory Remarks: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits. Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

Hands: Chemical resistant gloves

**Respiratory**: Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None

# **Section 9: Physical and Chemical Properties**

Color/Odor	Whitish/ ammonia	Vapor Pressure	< 2.2 torr @ 68 °F (20 °C)
pН	9.0-10.0	Density(water=1)	1.06 @ 68°F (20 °C)
VOC	< 50g/L	Solubility	> 95 % in water
Evaporation	< 1.0	<b>Boiling Point</b>	212 °F (100 °C)
4-(41)			` ′

rate(water=1)

Freezing point  $0 \,^{\circ}\text{C} \, (32 \,^{\circ}\text{F})$  Vapor density (air=1) > 1

# Section 10: Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.

Hazardous Decomposition: If complete combustion, oxides of carbon and silicates are formed.

Hazardous Polymerization: Will not occur.

Incompatibility--Materials to Avoid: May react with strong oxidizing agents and strong acids.

## **Section 11: Toxicological Information**

Acute Eye Irritation: Irritating.

**Acute Skin Irritation:** Chronic exposure may be irritating. **Acute Dermal Toxicity:** Not expected to be toxic through the skin.

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Carcinogenic Effects: None

Existing Medical Conditions Aggravated by Exposure: Exposure to eyes and skin may cause irritation to pre-

existing conditions.

# **Section 12: Ecological Information**

**Ecotoxicity:** The toxicity of this product has not been determined.

Environmental Fate: This product should be expected to be readily biodegradable.

# **Section 12: Disposal**

**Waste Disposal Method:** Use up or dry out left over material and dispose of per regulations. Do not dump in storm drains or sewers.

**Container Handling and Disposal:** All containers should disposed of according to local, state and Federal regulations. Readily recyclable once cleaned.

# **Section 14: Transportation**

Ground Classification: Not regulated by US DOT

Shipping Name: CT-Prime
Technical Shipping Name: None

UNFIC: None
ID Number: None
Packaging Group: None
Labels: No US DOT Labels
Not regulated by IATA or IMO

# **Section 15: Regulatory Information**

EPCRA 311/312 Categories: Immediate (Acute) Health Effects: Yes

Delayed (Chronic) Health Effects: Yes

Fire Hazard: No Sudden Release of Pressure No Reactivity: No

European Community: irritating (Xi) substances

Right to know classification: All ingredients are listed in CA, FL, MA, MI, MN, PA and NJ.

TSCA: All ingredients listed or exempt from listing.

Reportable Quantity (RQ): None

Prop. 65: None

**NFPA** 

WHMIS: Xi (Irritant to the eyes and skin)

All ingredients are listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI,

PICCS, SWISS, Taiwan, USA and UK

ABBREVIATIONS:

ADDICEVIA	TIONS.		
CAS#	Chemical Abstract Service Number		European Inventory of existing
		Comme	rcial Chemical Sales
°C Celsius	temperature scale	°F	Fahrenheit temperature scale
Prop.	Proprietary	PE	Personal Protective Equipment
TLV	Threshold Limit Value	TWA	Time Weighted Average
STEL	Short-term Exposure Limit	PEL	Permissible Exposure Limit
OSHA	Occupational Safety & Health	NIOSH	National Institute of Safety & Health

		System	
NTP	National Toxicology Program	IARC	Int. Agency for Research on Cancer
RCRA	Resource Conservation Recovery Act	TSCA	Toxic Substance Control Act
EC50	Effective Dose	LC50	Lethal Inhalation Concentration
LD50	Lethal Dose	CAS	Chemical Abstract Service Number
LEI	I arreau arrula airea limeit	LIED	I Immon assula aissa limait

LEL Lower explosive limit **UEP** Upper explosive limit **NDA** No Data Available ND Not determined

NE None established NA Not Applicable < Less Than or Equal To > Greater Than or Equal To

**CNS** Central Nervous System CI China

National Fire Protection Agency

DSL Canada **ECL** Korean Existing Chemicals List **EEC** 

European Union EU MAC Netherlands MAK Germany MITI Japan

SWISS Giftliste 1 **PICCS** Philippines

UK United Kingdom USA United States

VOC Volatile organic content ACGIH American Conference of Government

Industrial Hygienists

**ENCS** 

WHMIS Workplace Hazardous Materials Information

Japanese Existing and New Chemical List

**SARA** Superfund Amendments and Reauthorization Act **AICS** Australian Inventory of Chemical Substances **IARC** International Agency for Research on Cancer

**European Economic Commission** 

Taiwan List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances

Control Act of 1086

# **Section 16 Other Information**

# **Hazardous Material Information (HMIS)**

# National Fire Protection Association (NFPA)

Health	1	0	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	С	Alk	Specific

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard

Fire  $4 < 73 \,^{\circ}\text{C} \, 3 < 100 \,^{\circ}\text{C} \, 2 < 200 \,^{\circ}\text{C} \, 1 > 200 \,^{\circ}\text{C} \, 0$  Will not burn

Reactivity/Instability 4 - May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

**Risk phrases:** R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin. **Safety phrases:** S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes;S37, Wear suitable gloves; and S39, Wear eye/face protection.

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