



**SAFETY DATA SHEET FCW 1100 (V5)**

**Section 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

<b>Product Name</b>	<b>FCW 1100</b>
<b>Synonyms</b>	<b>Stone Coag</b>
<b>Formula</b>	<b>Not applicable to mixtures</b>
<b>Product Number</b>	

**Company Name:** Full Circle Water 30801 Pearl Drive, St Joseph, MN 56374

**320-529-4035**

**Emergency Telephone:** Chemtrec 1-800-424-9300

**Section 2: HAZARDS IDENTIFICATION**

<b>Hazard Classification</b>	Skin corrosion/Irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Corrosive to metals	Category 1
<b>Signal Word</b>	Warning	
<b>Hazard Statements</b>	Causes Skin irritation Causes serious Eye irritation May be corrosive to metals	
<b>Precautionary Statements</b>	Wash face, hands, and any exposed skin thoroughly after handling Keep only in original container Wear protective gloves and eye/face protection IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing If eye irritation continues, get medical advice/attention IF ON SKIN: wash with plenty of soap and water If skin irritation occurs get medical advice/attention Take off contaminated clothing and wash before reuse Absorb spillage to prevent material damage P406-Store in corrosion resistant container with a resistant inner liner	
<b>Prevention</b>	See above	
<b>Response</b>	See above	
<b>Storage</b>	Well ventilated. Keep away from sources of heat and ignition P406-Store in corrosion resistant container with a resistant inner liner	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national regulations	
<b>Hazards not otherwise classified</b>	Exposure may aggravate pre-existing eye, skin or respiratory conditions	

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No	Weight %	EC No
Trade Secret	-	25.2 to 58.8	-
Trade Secret	-	15 to 17	-
Trade Secret	-	Balance	-

**Section 4: FIRST AID MEASURES**

<b>EYE CONTACT</b>	RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.
<b>SKIN CONTACT</b>	WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER WHILE REMOVING ALL CONTAMINATED CLOTHES AND SHOES. IF SKIN IRRITATION PERSISTS, CALL A PHYSICIAN.
<b>INHALATION</b>	MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
<b>INGESTION</b>	CLEAN MOUTH WITH WATER AND DRINK AFTERWARDS PLENTY OF WATER. IF SYMPTOMS PERSIST, CALL A PHYSICIAN. DO NOT INDUCE VOMITING
<b>NOTE TO PHYSICIANS</b>	TREAT SYMPTOMATICALLY.

**Section 5: FIRE-FIGHTING MEASURES**

<b>LARGE FIRE</b>	USE OF WATER SPRAY WHEN FIGHTING FIRE MAY BE INSUFFICIENT
<b>EXPLOSIVE PROPERTIES</b>	NOT CONSIDERED TO BE AN EXPLOSION HAZARD
<b>SUITABLE EXTINGUISHING MEDIA</b>	USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT
<b>UNSUITABLE EXTINGUISHING MEDIA</b>	DO NOT SCATTER SPILLED MATERIAL WITH HIGH PRESSURE WATER STREAMS
<b>PROTECTIVE EQUIPMENT &amp; PRECAUTIONS FOR FIREFIGHTERS</b>	IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING AND MSHA/NIOSH SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE

**Section 6: ACCIDENTAL RELEASE MEASURES**

<b>PERSONAL PRECAUTIONS</b>	USE ONLY WITH ADEQUATE VENTILATION.
<b>ENVIRONMENTAL PRECAUTIONS</b>	PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO
<b>METHODS FOR CLEANING UP</b>	USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. COVER LIQUID SPILL WITH SAND, EARTH OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL. TAKE UP MECHANICALLY, PLACING IN APPROPRIATE CONTAINERS FOR DISPOSAL. CLEAN CONTAMINATED SURFACE THOROUGHLY.
<b>OTHER INFORMATION</b>	REFER TO PROTECTIVE MEASURES LISTED IN SECTION 7 AND 8

**Section 7: HANDLING AND STORAGE**

<b>ADVICE ON SAFE HANDLING</b>	AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. USE ONLY WITH ADEQUATE VENTILATION
<b>STORAGE CONDITIONS</b>	KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP AWAY FROM ANY SOURCE OF HEAT OR IGNITION. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.
<b>INCOMPATIBLE MATERIALS</b>	STRONG OXIDIZING AGENTS, STRONG ACIDS, AND STRONG BASES.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>ENGINEERING CONTROLS</b>	ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. SHOWERS. EYEWASH STATIONS, VENTILATION SYSTEMS
<b>PPE EYE/FACE PROTECTION</b>	TIGHT SEALING SAFETY GOGGLES
<b>BODY PROTECTION</b>	SUITABLE PROTECTIVE CLOTHING
<b>GENERAL HYGIENE CONSIDERATIONS</b>	HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE
<b>HAND PROTECTION</b>	WEAR SUITABLE GLOVES, Impervious gloves

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Section 9.1: INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE</b>	LIQUID
<b>ODOR</b>	SLIGHT
<b>ODOR THRESHOLD</b>	NO INFORMATION AVAILABLE
<b>APPEARANCE</b>	CLEAR, SLIGHTLY VISCOUS LIQUID
<b>COLOR</b>	WATER WHITE TO LIGHT YELLOW

<b>pH</b>	3.00 RANGES FROM 3.00 TO 4.00 NEAT
<b>“SALT OUT” POINT (FAHRENHEIT)</b>	
<b>MELTING POINT/FREEZING POINT</b>	-4 DEGREES CELCIUS OR 25 DEGREES FAHRENHEIT
<b>BOILING POINT/BOILING RANGE</b>	NO INFORMATION AVAILABLE
<b>FLASH POINT</b>	NO INFORMATION AVAILABLE
<b>EVAPORATION RATE (BUAC=1)</b>	NO INFORMATION AVAILABLE
<b>FLAMMABILITY (SOLID, GAS)</b>	NO INFORMATION AVAILABLE
<b>FLAMMABILITY LIMITS IN AIR</b>	NO INFORMATION AVAILABLE
<b>UPPER FLAMMABILITY LIMIT</b>	NO INFORMATION AVAILABLE
<b>LOWER FLAMMABILITY LIMIT</b>	NO INFORMATION AVAILABLE
<b>VAPOR PRESSURE (mm Hg)</b>	NO INFORMATION AVAILABLE
<b>VAPOR DENSITY (AIR = 1)</b>	NO INFORMATION AVAILABLE
<b>SPECIFIC GRAVITY (H2O = 1)</b>	1.285
<b>WATER SOLUABILITY</b>	NO INFORMATION AVAILABLE
<b>SOULUBILITY (IES)</b>	NO INFORMATION AVAILABLE
<b>PARTITION COEFFICIENT (N-OCTANOL/WATER)</b>	NO INFORMATION AVAILABLE
<b>AUTO-IGNITION TEMPERATURE</b>	NO INFORMATION AVAILABLE
<b>DECOMPOSITION TEMPERATURE</b>	NO INFORMATION AVAILABLE
<b>KINEMATIC VISCOSITY</b>	NO INFORMATION AVAILABLE
<b>DYNAMIC VISCOSITY</b>	NO INFORMATION AVAILABLE
<b>OXIDIZING PROPERTIES</b>	NO INFORMATION AVAILABLE
<b>EXPLOSIVE PROPERTIES</b>	NOT CONSIDERED TO BE AN EXPLOSION HAZARD

**Section 9.2: OTHER INFORMATION**

<b>SOFTENING POINT</b>	NO INFORMATION AVAILABLE
<b>MOELCULAR WEIGHT</b>	NO INFORMATION AVAILABLE
<b>VOC CONTENT (%)</b>	NO INFORMATION AVAILABLE
<b>DENSITY</b>	NO INFORMATION AVAILABLE
<b>BULK DENSITY</b>	NO INFORMATION AVAILABLE

**Section 10: STABILITY AND REACTIVITY**

<b>STABILITY</b>	STABLE UNDER NORMAL CONDITIONS OF USE AND STORAGE
<b>CONDITIONS TO AVOID</b>	EXPOSURE TO AIR AND MOISTURE OVER LONG PERIODS
<b>INCOMPATIBLE MATERIALS</b>	STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	NITROGEN OXIDES (NO <sub>x</sub> ), CARBON OXIDES, HYDROGEN CHLORIDE
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	NONE UNDER NORMAL PROCESSING

**Section 11: TOXICOLOGICAL INFORMATION**


<b>CHEMICAL</b>	<b>ORAL LD50</b>	<b>DERMAL LD50</b>	<b>LC50 (LETHAL CONCENTRATION)</b>
Trade Secret	9187 mg/kg (rat)	>2000 mg/kg (rat)	42 g/m <sup>3</sup> (rat) 1 hour
Trade Secret	3 g/kg (rat)	-	
Trade Secret	90 mL/kg/kg (rat)	-	

<b>CHRONIC TOXICITY</b>		
<b>CARCINOGENICITY</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP	

**Section 12: ECOLOGICAL INFORMATION**

**ECOTOXICITY: THE ENVIRONMENTAL IMPACT OF THIS PRODUCT HAS NOT BEEN FULLY INVESTIGATED**

<b>Chemical Name</b>	<b>Toxicity to Algae</b>	<b>Toxicity to Fish</b>	<b>Toxicity to daphania and other aquatic invertebrates</b>
Trade Secret	-	100 – 500: 96 h Brachydanio rerio mg/L LC50 static	-

**Section 13: DISPOSAL CONSIDERATIONS**

<b>Waste from Residues Unused Products</b>	Disposal should be in accordance with applicable regional, national, and local laws and regulations.
<b>Containment Packaging</b>	Do not reuse empty containers

**Section 14: TRANSPORT INFORMATION**

<b>DOT</b>	NOT DOT REGULATED

**Section 15: REGULATORY INFORMATION**

All of the components in the product are on the following inventory lists: TSCA (United States), Canada (DSL/NDSL), Australia (AICS), South Korea (KECL), China (IECSC), ENCS (Japan), Philippines (PICCS)

<b>AICS</b>	Complies
<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies

CHEMICAL NAME	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Trade Secret	Present	XU	Present	-	-	-	(6)-1021	Present	KE-11829	Present
Trade Secret	Listed	Listed	Listed	-	Listed	-	-	Present	KE-35400	Present

**RESTRICTIONS – REACH TITLE VII: no information available**

**US FEDERAL REGULATIONS**

**CERCLA** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 HAZARD CATEGORIES**

Acute health hazard	Yes
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

**US STATE RIGHT-TO-KNOW REGULATIONS**

California Proposition 65 This product does not contain any Proposition 65 Chemicals

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 60 Certification**



Certified to  
NSF/ANSI/CAN 60

<b>PREPARED BY</b>	FCW Staff
<b>ISSUE DATE</b>	17-Jan-2013
<b>REVISION DATE</b>	28-Aug-2024
<b>REVISION NOTE</b>	na

**Disclaimer:**

Please be advised that it is your responsibility to inform your employees of the hazards of this substance, to advise them of what these properties mean and be sure they understand exposure information. The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication.

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