



# SAFETY DATA SHEET

## FCW 720

# FCW 720

Version 3

### 1. Identification of the Substance / Preparation and of the Company / Undertaking

**Product Name:** FCW 720  
**Synonyms:** Full Circle Water 720 Blend  
**Formula:** Not applicable to mixture

**Company Name:**

Full Circle Water 30801 Pearl Drive St. Joseph, MN 56374 (320) 529-4035

**Emergency Telephone:**  
CHEMTREC (US): 1-800-424-9300

### 2. Hazards Identification

#### GHS - Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Hazards not otherwise classified (HNOC)  
Not applicable

Label elements

Signal Word: None

Precautionary Statements: \*As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

### 3. Composition / Information on Ingredients

Chemical Name	CAS No	Weight-%	EC No
Sodium chloride	7647-14-5	<3	231-598-3
Trade Secret	-	<2	-

Chemical Name	CAS No	Weight-%	EC No
Water	7732-18-5	Balance	231-791-2

#### 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.
<b>Note to Physicians:</b>	Treat symptomatically.

#### 5. Fire-Fighting Measures

**Large Fire:** Use of water spray when fighting fire may be sufficient.

**Explosive Properties:** Not considered to be an explosion hazard

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable Extinguishing Media:** Do not scatter spilled material with high pressure water streams

**Protective Equipment and Precautions for Firefighters:**

In the event of a fire, wear full protective clothing and MSHA/NIOSH (approved or equivalent) self-contained breathing apparatus with full face piece operated in the pressure-demand or other positive pressure mode.

#### 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>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, Saw dust).

#### 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. Galvanized metals and natural or synthetic rubber.

---

---

## 8. Exposure Controls / Personal Protection

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations.

### Personal protective equipment (PPE)

**Eye/Face Protection:** Tight sealing safety goggles.

**Body Protection:** Suitable protective clothing.

### **General Hygiene Considerations:**

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Physical State:</b>	Liquid	<b>Odor:</b>	Odorless
<b>Appearance:</b>	No information available		
<b>Color:</b>	White	<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	3.60	pH Range: 3.60-6.50 , Neat
"Salt Out" Point (°F):		
Melting Point/Freezing Point:		
Boiling Point/Boiling Range:	0 °C / 32 °F	
Flash Point:		No information available
Evaporation Rate (BuAc=1):		No information available
Flammability (solid, gas):		No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:		No information available
Lower Flammability Limit:		No information available
Vapor Pressure (mm Hg) :		
Vapor density (Air =1)		
Specific Gravity (H2O=1):	1.025	
Water Solubility:	Miscible in water	
Solubility (ies):		
Partition Coefficient (n-octanol/water)		No information available
Auto-ignition Temperature:		No information available
Decomposition Temperature:		No information available
Kinematic Viscosity:		No information available
Dynamic Viscosity:		
Oxidizing Properties:		No information available
		No information available

### **Explosive Properties:**

Not considered to be an explosion hazard

### 9.2. Other information

<b>Softening Point:</b>	No information available
<b>Molecular Weight:</b>	N/A
<b>VOC Content (%):</b>	No information available
<b>Density:</b>	No information available
<b>Bulk Density:</b>	No information available

---

## 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions of use and storage
<b>Conditions to Avoid:</b>	No information available
<b>Incompatible Materials:</b>	Strong oxidizing agents, strong acids, and strong bases. Galvanized metal and natural or synthetic rubber
<b>Hazardous Decomposition Products:</b>	No information available
<b>Possibility of Hazardous Reactions:</b>	No information available

## 11. Toxicological Information

### Product Information

5% of the mixture consists of ingredient(s) of unknown toxicity.

### **Acute Toxicity:** ATEmix (oral)

**The following values are calculated based on chapter 3.1 of the GHS document**  
71,449.00 mg/kg

Chemical Name	Oral LD <sub>50</sub> :	Dermal LD <sub>50</sub> :	LC <sub>50</sub> (Lethal Concentration):
Sodium chloride 7647-14-5	3 g/kg ( Rat )	-	42 g/m <sup>3</sup> ( Rat ) 1 h
Water 7732-18-5	90 mL/kg ( Rat )	-	-
Trade Secret	>5000 mg/kg (Rat)	-	-

### Chronic Toxicity:

**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

## 12. Ecological Information

**Ecotoxicity** : The environment impact of this product has not been fully investigated.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium chloride 7647-14-5	-	5560 - 6080: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 6020 - 7070: 96 h <i>Pimephales promelas</i> mg/L LC50 static 12946: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 7050: 96 h <i>Pimephales promelas</i> mg/L LC50 semi-static 6420 - 6700: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4747 - 7824: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through	1000: 48 h <i>Daphnia magna</i> mg/L EC50 340.7 - 469.2: 48 h <i>Daphnia magna</i> mg/L EC50 Static

<b>Persistence and Degradability:</b>	No information available.
<b>Bioaccumulation:</b>	No information available.
<b>Other Adverse Effects:</b>	No information available.

### 13. Disposal Considerations

**Waste from Residues/Unused Products:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Containment packaging:** Do not reuse empty containers.

### 14. Transport Information

#### DOT

**Description :** Not DOT Regulated.

### 15. Regulatory Information

#### International Inventories

**All of the components in the product are on the following Inventory lists:** TSCA (United States);, Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), South Korea (KECL);, China (IECSC), ENCS (Japan);, Philippines (PICCS).

AICS -  
TSCA -  
DSL/NDSL -  
EINECS/ELINCS -  
ENCS -  
IECSC -  
KECL -  
PICCS -

Chemical Name	AICS	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS
Sodium chloride	Present	ACTIVE	Present	-	Present	-	Present	Present	Present	Present
Water	Present	ACTIVE	Present	-	Present	-	Present	Present	Present	Present

#### Inventory Legend

**AICS** - Australian Inventory of Chemical Substances

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**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.

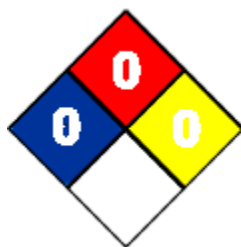
---

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**U.S. State Right-to-Know Regulations****California Proposition 65:**

This product does not contain any Proposition 65 chemicals.

**National Fire Protection Association (NFPA) Ratings**

Prepared By: FCW Staff  
Issue Date: 09-Oct-2012  
Revision Date: 12-June-2020  
Revision Note:  
Maximum Use (mg/L unless otherwise indicated): 400

**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.

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. No warranty or guaranty, express or implied, is made regarding performance, stability, or otherwise. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage. Other factors may require additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, the handling and use remains the responsibility of the consumer. No suggestions are intended as, and should not be constructed as, a recommendation to infringe on any existing patents or to violate any Federal, State, or local laws.

**End of Safety Data Sheet**

---