



# Safety Data Sheet

Issue Date: 22-Mar-2018

Revision Date: 24-Apr-2018

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** CoilShine

### Other means of identification

**SDS #** GOOD-012-CA

**Synonyms** Aqueous cleaning solution

### Recommended use of the chemical and restrictions on use

**Recommended Use** Foaming alkaline coil cleaner

**Uses Advised Against** No information available

### Details of the supplier of the safety data sheet

#### Initial Supplier Identifier

THIS SAFETY DATA SHEET  
IS NOT COMPLIANT UNLESS  
CANADIAN ADDRESS IS USED

#### Manufacturer Address

Goodway Technologies Corp.  
420 West Ave.  
Stamford, CT 06902  
Phone: 1-800-333-7467  
www.goodway.com

### Emergency Telephone Number

**Initial supplier phone number** Please enter Initial Suppliers Phone Number here  
**Emergency Telephone (24 hr)** Chemtrec 1-800-424-9300 (North America) 1-703-527-3887 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear, light purple liquid      **Physical state** Liquid      **Odour** Lemon/butyl

### Classification

This chemical does not meet the hazardous criteria set forth by the 2015 WHMIS standards. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### Label Elements

#### Signal word

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

#### Synonyms

Aqueous cleaning solution.

Chemical Name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Tetrapotassium pyrophosphate	7320-34-5	7	-	-
Citric Acid	77-92-9	2	-	-

### 4. FIRST AID MEASURES

#### First Aid Measures

#### Eye contact

Immediately flush eyes with large amounts of water for 15 minutes, occasionally lifting the upper and lower lids. Remove contact lenses, if present and easy to do, after the first 2 minutes and continue rinsing. Seek immediate medical attention, preferably from an ophthalmologist.

#### Skin contact

Wash affected area with soap and water. Wash contaminated clothing and shoes thoroughly before reuse. Seek medical attention if irritation persists, if rash develops or if you feel unwell.

#### Inhalation

If product mist or spray causes respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms persist or become worse, seek medical attention immediately.

#### Ingestion

Rinse mouth with water, if victim is conscious. Remove dentures, if any. Give 1-2 cupfuls of water or milk if victim is conscious, alert and able to swallow. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious or convulsing person. Obtain immediate medical attention.

#### Most important symptoms and effects

#### Symptoms

Eyes: Causes moderate to severe eye irritation with redness, pain, tearing, swelling and possible blurred vision. Skin: May cause mild to moderate skin irritation. Repeated and prolonged use may result in drying or cracking of the skin or dermatitis. Inhalation: Inhalation of mist or spray may cause mild irritation of the respiratory tract. Ingestion: May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting, abdominal cramps and diarrhea.

#### Indication of any immediate medical attention and special treatment needed

#### Note to doctors

Treat symptomatically.

### 5. FIREFIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

None known.

<b>Specific hazards arising from the chemical</b>	Closed containers may explode due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. symptoms may not be immediately apparent or may be delayed. Obtain medical attention.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. Fire fighters should try to contain water contaminated by this material from being discharged to any waterway, sewer or drain to prevent environmental contamination.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Wear appropriate protective clothing designated in Section 8. Ventilate the area.

### Environmental precautions

**Environmental precautions**              Avoid dispersal of spilled material or runoff and prevent contact with soil and entry into drains, sewers or waterways.

### Methods and material for containment and cleaning up

**Methods for containment**                Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**                Cover drains and contain spill. Spilled product can be reused. Collect product for reuse or place in an approved container for proper disposal. Minimize dust generation during clean-up. Carefully sweep, vacuum or shovel up crushed material and place into an approved container for proper disposal. Dispose of waste properly.

**Prevention of secondary hazards**      Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling**                Observe label precautions. Wear all appropriate protective equipment specified in Section 8. Keep containers closed when not in use.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**                    Store in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Transfer only to approved containers having correct labeling. Keep container tightly closed to prevent moisture absorption. Protect container against physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent spillage.

**Incompatible materials**                Strong oxidizing agents Acids Bases

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear protective goggles or safety glasses with unperforated side shields during use.

**Skin and body protection** Wear rubber gloves impermeable to chemicals and oil. Protective clothing. Protective boots, if the situation requires.

**Respiratory protection** None required with normal use. Always use an approved respirator when vapor/aerosols are generated.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear, purple liquid
<b>Colour</b>	Purple
<b>Odour</b>	Lemon/butyl
<b>Odour Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	10.9-11.1	
<b>Melting point / freezing point</b>	0 °C / 32 °F	
<b>Boiling Point / Boiling Range</b>	100 °C / 212 °F	
<b>Flash Point</b>	No data available	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper Flammability Limit</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapour Pressure</b>	Not determined	
<b>Vapour Density</b>	Not determined	
<b>Relative Density</b>	1.019-1.021	
<b>Water Solubility</b>	Completely soluble	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive properties</b>	No information available.	
<b>Oxidising properties</b>	No information available.	

### Other Information

<b>Softening Point</b>	No information available
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Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk Density	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	Extreme temperatures. Incompatible Materials.
<b>Incompatible Materials</b>	Strong oxidizing agents. Acids. Bases.
<b>Hazardous Decomposition Products</b>	Thermal decomposition products include oxides of carbon, oxides of potassium, oxides of phosphorus and sodium oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

### Information on physical, chemical and toxicological effects

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Numerical measures of toxicity

#### Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	56,639.00
ATEmix (dermal)	9,672.00
ATEmix (inhalation-dust/mist)	21.62

<b>Unknown acute toxicity</b>	No information available
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#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tetrapotassium pyrophosphate 7320-34-5	-	> 4640 mg/kg ( Rabbit )	-
Alcohols, C9-11, ethoxylated 68439-46-3	= 1378 mg/kg ( Rat ) = 1400 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	-

Trisodium Phosphate 7601-54-9	> 2000 mg/kg ( Rat )	> 300 mg/kg ( Rabbit )	> 2.16 mg/L ( Rat ) 1 h
Citric Acid 77-92-9	= 3 g/kg ( Rat ) = 3000 mg/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Causes severe skin burns.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	The environmental impact of this product has not been fully investigated.
<b>Persistence/Degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Mobility</b>	.

Chemical Name	Partition Coefficient
Citric Acid 77-92-9	-1.72

<b>Other Adverse Effects</b>	No information available.
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**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

**15. REGULATORY INFORMATION****REGULATORY INFORMATION****International Regulations**

<b>Ozone-depleting substances (ODS)</b>	Not applicable
<b>Persistent Organic Pollutants</b>	Not applicable
<b>Export Notification requirements</b>	Not applicable

**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Tetrapotassium pyrophosphate	X	X	X	X	X	X	X	X
Citric Acid	X	X	X	X	X	X	X	X

**Legend:**

**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

**AICS** - Australian Inventory of Chemical Substances

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b>NFPA</b>	Health Hazards 2	Flammability 0	Instability 0	<b>Special Hazards</b> Not determined
<b>HMIS</b>	Health Hazards 2	Flammability 0	Physical hazards 0	<b>Personal Protection</b> B

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

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation
<b>Issue Date:</b>	22-Mar-2018

**Revision Date:** 24-Apr-2018

**Revision Note:** No information available.

**Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**