

**SAFETY DATA SHEET**



Texas Correctional Industries  
Texas Department of Criminal Justice

**Date Issued:** February 2017

**Supersedes:** September 2016

**SECTION 1 - IDENTIFICATION**

**Product Name:** **Crystal Clean**  
**General Use:** Liquid Dishwashing Detergent  
**Manufacturer Name:** Texas Correctional Industries  
 Roach Soap & Detergent Plant  
 15845 FM 164  
 Childress, TX 79201

**Emergency Telephone Numbers**

Galveston Texas Poison Control: **1-800-764-7661**  
 Roach Soap & Detergent Plant Lab: 940-937-6364 EXT. 7392  
 SDS available at: [www.tci.tdcj.texas.gov](http://www.tci.tdcj.texas.gov)  
 Monday thru Thursday: 5:30 AM – 3:30 PM

**SECTION 2 - HAZARD IDENTIFICATION**



Primary Route of Exposure : Eyes, skin, mouth (oral)

Signs and Symptoms of Over Exposure (acute)

- Eyes : May cause eye irritation
- Skin : May cause redness or rash
- Ingestion : May cause gastrointestinal irritation
- Inhalation : N/A

Signs and Symptoms of Over Exposure (chronic) : Eye, skin irritation

Medical condition aggravated by over exposure : Not known

Carcinogen or suspect of carcinogen ingredients : None

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical/Common Name	CAS No.	PERCENT	ACGIH /OSHA		
			TWA	PEL	WHMIS
Spectrateric CHS		10 to 20	Unknown	Unknown	Unknown
Sodium Xylene sulfonate (SXS)		3 to 4	Unknown	Unknown	Unknown
Spectrum DIPA		2 to 4	Unknown	Unknown	Unknown

N/A= Not Applicable

N/D = Not Determined

WHMIS – minimum amount necessary in a mixture to trigger reporting: 1% (hazardous chemical); 0.1% (extremely hazardous chemical)

**SECTION 4 - FIRST AID MEASURES**

- Eyes : Immediately flush eyes with plenty of water for at least 15 min. If irritation persists, get medical attention.
- Skin : Flush with copious amounts of water. Remove contaminated clothing and seek medical attention if irritation persists.
- Ingestion : Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting unless directed by physician.
- Inhalation : Move person to fresh air if irritation, headache, drowsiness, or nausea occurs. Seek medical attention if breathing becomes difficult or if any irritation should persist.

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## SECTION 5 - FIRE FIGHTING MEASURES

Flammable Limit : N/A  
Physical Hazard : None  
Extinguishing Media : Water, foam, dry chemicals, or carbon dioxide  
Fire Extinguishing Procedure : Use of respiratory equipment is recommended in enclosed areas  
Fire and Explosive Hazard : None

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be taken if released or spilled : Adequately ventilate the area. Contain liquid and absorb with commercial absorbent materials. Avoid the release of large quantities into water outfalls or water treatment facilities.

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## SECTION 7 - HANDLING AND STORAGE

Store in a cool dry area above 60°F. Protect this product from freezing. Keep out of the reach of children

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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection : This is not required with normal use  
Ventilation Requirement : Local exhaust or air movement is good  
Protective Gloves : None  
Eye Protection : Chemical goggles plus face shield if splashing will occur

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure : N/D  
Specific Gravity (water = 1) : 1.04  
Solubility in Water : Complete  
pH : 6.0 – 7.0  
Boiling Point : N/D  
Appearance and Odor : Clear light turquoise-blue liquid, "Green Apple" scent

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## SECTION 10 - STABILITY AND REACTIVITY

Hazardous Decomposition : Oxides of Carbon, Nitrogen, and Sulfur  
Stability : Stable  
Incompatibility : None

NOTE: The C### notation refers to a principal component based on the amounts present in the product which may involve trade secret chemicals. In the event of an accident, notify the Poison Control Center for more information.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

C412

Information on likely routes of exposure:

Product Information:	Product does not present an acute toxicity hazard based on known information.
Inhalation:	None under normal use conditions.
Eye Contact:	Causes serious eye irritation.
Skin Contact:	May cause allergic skin reaction.
Ingestion:	None under normal use conditions.

C062

Mutagenicity

Not mutagenic in AMES Test.

C400

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin:

Primary irritation to eyes:

Dermatitis.

Redness, tearing, blurred vision.

Liquid can cause eye irritation.

Wash thoroughly after handling.

INHALATION:

Vapor harmful.

Swallowing:

Swallowing can cause abdominal irritation,  
nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/  
CONDITIONS AGGRAVATED:

None

CHRONIC HAZARDS

CANCER, REPRODUCTIVE &  
OTHER CHRONIC HAZARDS:

This product has no carcinogens  
listed by IARC, NTP, NIOSH,  
OSHA or ACGIH, as of this date,  
greater or equal to 6.1%.

IRRITANCY OF PRODUCT:

This product is irritating to  
contaminated tissue.

SENSITIZATION TO THE PRODUCT:

No component of this product is known  
to be a sensitizer.

MUTAGENICITY:

Not reported (in humans).

EMBRYOTOXICITY:

Not reported (in humans).

TERATOGENICITY:

Not reported (in humans).

REPRODUCTIVE TOXICITY:

Not reported (in humans).

MAMMALIAN TOXICITY:

No mammalian information is  
available on this product.

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SECTION 12 – ECOLOGICAL INFORMATION

C412

Information on likely routes of exposure:

Product Information:

Product does not present an acute toxicity  
hazard based on known information.

Inhalation:

None under normal use conditions.

Eye Contact:

Causes serious eye irritation.

Skin Contact: May cause allergic skin reaction

Ingestion: None under normal use conditions.

C062

Product:  
Sodium Xylene Sulfonate SXS

Test Results  
EC50 Algae: > 230 mg/kg  
E050 Daphnia: > 1000 mg/L  
L050 Rainbow Trout: > 1000 mg/L

\* Estimates for product may be based on additional component data not shown.

Ecotoxicity Readily biodegradable.

C400

EFFECT OF MATERIAL ON  
PLANTS AND ANIMALS:

Not available

EFFECT OF MATERIAL ON AQUATIC LIFE:

No aquatic information is available.

MOBILITY IN SOIL:

Has not been determined.

BIODEGRADABILITY:

This product is completely biodegradable.

ACCUMULATION:

Has not been determined.

C054

ENVIRONMENTAL FATE:

Water:

Will dissolve readily in water, raising pH.  
Acute TLm (48 Hours) for Bluegill: 99 m/l  
Acute TLm (96 Hours) for Mosquitte Fish: 125 ppm

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## SECTION 13 - DISPOSAL CONSIDERATIONS

C412

Waste Disposal Methods:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging:

Do not re-use empty containers.

US EPA Waste Number:

U203

C062

Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations.

C400

Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations.

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SECTION 14 - TRANSPORTATION INFORMATION

C412

DOT: Not regulated

TDG: Not regulated

MEX: Not regulated

C062

Refer to bill of lading on container label for DOT or other transportation hazard classification, if any.

C400

DOT/TDG SHIP NAME:

UN3082, Environmentally hazardous substances, liquid, n.o.s.  
(contains: Nonylphenol and Dinonylphenol Ethoxylates), 9, PG-III

(FOR AIR/SHIP BULK SHIPMENTS, ADD 'MARINE POLLUTANT' TO SHIPPING NAME.)

DRUM LABEL: (CLASS 9)

IATA / ICAO:

UN 3082, Environmentally hazardous substances, liquid (contains: Nonylphenol and Dinonylphenol Ethoxylates) PG-III

IMO / IMDG:

UN 3982, Environmentally hazardous substances, liquid (contains: Nonylphenol and Dinonylphenol Ethoxylates) PG-III

EMERGENCY RESPONSE  
GUIDEBOOK NUMBER:

171

**SECTION 15 - REGULATORY INFORMATION**

C412

International Inventories"

TSCA: Exempt

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic  
Substances List

C062

There is no calculable reportable quantity (RQ) for this product.

CERCLA (Superfund) reportable quantity None

Superfund Amendments and  
Reauthorization Act of 1986 (SARA)

Section 302 extremely No hazardous  
substance

Section 311 hazardous No chemical

C400

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: None Known

All components of this product  
are on the TSCA list.

This material contains no known  
products restricted under  
SARA Title III, Section 313 in  
amounts greater or equal to 1%.

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**SECTION 16 – OTHER INFORMATION**

Federal Hazardous Substances Act statutes and Consumer Product Safety Commission regulations: 16 CFR 1500.14(b)(3) and 1500.83(a)(13).

\*SDS updated by: Timothy J. Sharpe, TCI Chemist, Childress, TX

Note: Product should be used as directed on the label and no other use is permitted. No warranty is implied expressly or otherwise regarding the accuracy of the information in the product's suitability for the consumer's use and the outcome of its use. The technical accuracy of the information submitted herein is based on the data submitted to TCI by the manufacturers for the materials used in this finished product.