

MATERIAL SAFETY DATA SHEET

Crystal Shine

Date Prepared: 01/01/2006

SECTION 1 – MATERIAL AND MANUFACTURER IDENTIFICATION

Product Identifier: **Crystal Shine**
Product Use: Hard Surface Cleaner

MANUFACTURER

CTI (Chemical Technologies International Inc.)
PO Box 968
Rancho Cordova, CA 95741
Phone: (916) 638-1315 Fax: (916) 638-0712
Emergency Assistance Calls: Chemtrec (800) 424-9300 (U.S.A.) 24hrs.

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>
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This product contains no reportable quantities of hazardous materials.

<u>ALKOXY POLYETHOXY ETHANOL</u>	<1%	60828-78-6
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(SEE SECTION 8 FOR EXPOSURE GUIDELINES)

SECTION 3 – Hazards Identification

Emergency Overview

Clear liquid with clean smell

Potential Health Effects

Routes of entry: (skin: yes) (inhalation: yes) (ingestion: yes) (eye: yes)

Inhalation:

Excessive inhalation may cause irritation of the respiratory tract.

Eye Contact:

Direct or prolonged contact with eyes may cause mild irritation

Skin Contact:

No significant irritation is expected from short-term exposure.

Ingestion:

Low ingestion hazard in normal use.

Chronic effects: Not established.

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove to fresh air.

Eye Contact: Immediately flush eyes with a directed stream of water for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: No first aid should be needed.

Ingestion: Get medical attention immediately.

SECTION 5 – Fire Fighting Measures

Flashpoint: 214F 101C closed cup

Flammable Limits: Not Available

Auto ignition Temperature: Not Available

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General Hazard:

During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame contains combustible liquid. May emit oxides of sulfur and hydrogen sulfide.

Fire Fighting Instructions:

Use dry chemical, CO2, foam, or water spray.

Fire fighting equipment:

Fire fighters should wear a self contained, positive pressure breathing apparatus and full protective clothing (NICSH/MSHA APPROVED).

Hazardous combustion products:

Thermal breakdown of this product may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon products. Silicon dioxides, formaldehyde, metal oxides, and sulfur oxides.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spills: Wipe or mop up and dispose of in DOT approved waste container.

Large Spills: Contain by diking with soil or other non-combustible absorbent material, then dispose into DOT approved waste container. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

Contain all spills or leaks to prevent discharge into the environment. All spills or releases should be reported to the appropriate local, state and federal agencies.

Clean area as required removing slip and falling hazard, which may be present due to small residual of silicone material. Steam, solvents and/or detergents may be required for this.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions of method of its use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true but all statements and suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

Keep away from children.

Store away from oxidizing materials

Use with adequate ventilation.

Avoid eye contact.

Avoid breathing mist.

Keep container closed.

Do not take internally.

SECTION 8 – EXPOSURE / PERSONAL PROTECTION

COMPONENT # (Refer to section 2 for component #)	EXPOSURE LIMITS			HAZARD
	OSHA PEL	ACGIH TLV	OTHER LIMIT	

There are no components with workplace exposure limits.

Ventilation: Always assure adequate ventilation.

Eye Protection: Wear safety goggles to protect against contact when appropriate.

Skin: Wash skin at mealtime and after use

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SECTION 9 – Physical and Chemical properties

White liquid with clean scent
PH: 6.5
Vapor pressure: not available
Vapor density: not available
Boiling point: 65C
Freezing/Melting point: not determined
Solubility in water: soluble
Density: not available
Flammability: not established
Particle size: N/A
Evaporation rate: not available

SECTION 10 – Stability and Reactivity

Chemical Stability: Stable
Conditions to avoid: None known.
Incompatibility with other materials: Keep away from strong oxidizers.
Hazardous decomposition products: There are no known hazardous decomposition materials of this mixture for materials released during fire see section 5.
Hazardous polymerization : Will not occur.

Section 11- Toxicological Information

Toxicological information not available on this mixture.

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Section 12- Ecological Information

Ecological information not established on this mixture

Section 13- Disposal practices

Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains, sanitary sewers or any body of water. All disposal methods must be in compliance with all federal, State/ Provincial and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

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Section 14- Transport information

Consult 49 CFR to assure compliance with all applicable federal, state/provincial and local laws and regulations that may apply to you.

Not subject to DOT per 49 CFR 172.101

Ocean shipments not subject to IMDG code.

Air shipments not subject to IATA regulations

Section 15- Regulatory Information

US Federal Regulations:

OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, MSDS sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this material safety data sheet (MSDS) available to your employees and those who handle or consume the product.

To aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below.

This mixture has no established regulatory information.

Section 16- Other Information

All information appearing herein is based upon data obtained from the manufacturer and /or recognized technical sources of each individual component. While the information is believed to be accurate, CTI makes no representations as to its accuracy or sufficiency. Conditions of use are beyond CTI's control and therefore users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of,

or reliance on information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.