



Section 1: IDENTIFICATION

Product Name: Crystal Clean All-Purpose Cleaner / Degreaser

Additional Names:

Manufacturer's Part Number: 40-4510/40-4520

Recommended Use: Cleaner & Degreaser for water tolerant surfaces.

Restrictions on Use: Do not use on non-rinsable surfaces.

Company: UTILITY Enterprises, Inc.
700 Main Street
Westbury, NY 11590

Emergency Phone: Infotrac: 1-800-535-5053

Section 2: HAZARDS IDENTIFICATION

This product is not classified as hazardous under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

OSHA HCS 2012

Label Elements

Signal Word: None

Hazard Symbol(s)/Pictogram(s): None required

Hazard Statements: None

Precautionary Statements: None

Hazards Not Otherwise Classified (HNOC): None

Other Information: None Known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredient</u> | <u>CAS Number</u> | <u>Percent Range</u> |
|--|-------------------|----------------------|
| Water | 7732-18-5 | > 80%* |
| 1-Butoxy-2-propanol | 34590-94-8 | < 5%* |
| Polyoxyethylene (9) nonylphenylether, branched | 1300-27-7 | < 5%* |
| Sodium Xylene Sulfonate | 13235-36-4 | < 5%* |
| Dipropylene glycol monomethyl ether | 68412-54-4 | < 5%* |
| Trisodium Sulfate | 7601-54-9 | < 5%* |

**specific percentages of composition are being withheld as a trade secret*

Section 4: FIRST-AID MEASURES

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact: Not expected to cause eye irritation. If adverse effect occurs, flush eyes with water.

Ingestion: May cause upset stomach. Drink plenty of water to dilute. See section 11.

Most Important Symptoms/Effects, Acute and Delayed: None known.

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Treat symptomatically

Suitable & Unsuitable Extinguishing Media: Use Dry chemical, CO₂, water spray or “alcohol” foam. Avoid high volume jet water.
Specific Hazards Arising from Chemical: In event of fire, fire created carbon oxides may be formed.
Special Protective Actions for Fire-Fighters: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

This product is non-flammable. See Section 9 for Physical Properties.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: *For non-emergency and emergency personnel:* See section 8 – personal protection. Avoid eye contact. Safety goggles suggested.

Environmental Precautions: Do not allow into open waterways and ground water systems.

Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for Safe Storage including Incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: No components listed with TWA or STEL values under OSHA or ACGIH.

Appropriate Engineering Controls: Showers, eyewash stations, ventilation systems

Individual Protection Measures / Personal Protective Equipment (PPE)

Eye Contact: Use protective glasses or safety goggles if splashing or spray-back is likely.
Respiratory: Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.
Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.
General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | | |
|--|---------------------------------|--|---|--------------|
| Appearance: | Blue green Liquid | Partition Coefficient: n-octanol/water: | Not determined | |
| Odor: | Mild odor | Autoignition Temperature: | Non-flammable | |
| Odor Threshold: | Not determined | Decomposition Temperature: | No test data available | |
| pH ASTM D-1293: | 8.5 – 9.5 | Viscosity: | Like water | |
| Freezing Point ASTM D-1177: | < 0°C (32°F) | Specific Gravity ASTM D-891: | 1.01 – 1.03 | |
| Boiling Point & Range ASTM D-1120: | > 100°C (212°F) | VOCs: | <i>**Water & fragrance exemption in calculation</i> | |
| Flash Point ASTM D-93: | > 212°F | SCAQMD 304-91 / EPA 24: | 0 g/L | 0 lb/gal |
| Evaporation Rate ASTM D-1901: | < Butyl Acetate @ 25°C | CARB Method 310**: | 2.5 g/L | 0.021 lb/gal |
| Flammability (solid, gas): | Not applicable | SCAQMD Method 313: | Not tested | |
| Upper/Lower Flammability or Explosive Limits: | Not applicable | VOC Composite Partial Pressure: | Not determined | |
| Vapor Pressure ASTM D-323: | 0.60 PSI @77°F, 2.05 PSI @100°F | Relative Density ASTM D-4017: | 8.34 – 8.42 lb/gal | |
| Vapor Density: | Not determined | Solubility: | 100% in water | |

Section 10: STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity: | Non-reactive. |
| Chemical Stability: | Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg). |
| Possibility of Hazardous Reactions: | None known. |
| Conditions to Avoid: | Excessive heat or cold. |
| Incompatible Materials: | Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents. |
| Hazardous Decomposition Products: | Normal products of combustion - CO, CO ₂ . |

Section 11: TOXICOLOGICAL INFORMATION

| | | |
|-----------------------------------|----------------|--|
| Likely Routes of Exposure: | Inhalation - | Overexposure may cause headache. |
| | Skin Contact - | Not expected to cause irritation, repeated contact may cause dry skin. |
| | Eye Contact - | Not expected to cause irritation. |
| | Ingestion - | May cause upset stomach. |

Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under typical use conditions.

Delayed and immediate effects and or chronic effects from short term exposure: no symptoms expected under typical use conditions.

Delayed and immediate effects and or chronic effects from long term exposure: headache, dry skin, or skin irritation may occur.

Interactive effects: Not known.

Numerical Measures of Toxicity

| | | |
|------------------------|----------------------------------|-----------------------|
| Acute Toxicity: | Oral LD ₅₀ (rat) | > 20 g/kg body weight |
| | Dermal LD ₅₀ (rabbit) | > 75 g/kg body weight |

| | |
|-----------------------------------|--|
| Skin Corrosion/Irritation: | Non-irritant per Dermal Irritation [®] assay modeling. No animal testing performed. |
| Eye Damage/Irritation: | Minimal irritant per Ocular Irritation [®] assay modeling. No animal testing performed. |
| Germ Cell Mutagenicity: | Mixture does not classify under this category. |
| Carcinogenicity: | Mixture does not classify under this category. |
| Reproductive Toxicity: | Mixture does not classify under this category. |
| STOT-Single Exposure: | Mixture does not classify under this category. |
| STOT-Repeated Exposure: | Mixture does not classify under this category. |
| Aspiration Hazard: | Mixture does not classify under this category. |

Section 12: ECOLOGICAL INFORMATION

| | |
|---------------------|--|
| Ecotoxicity: | Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labeling of Chemicals. |
| Aquatic: | Aquatic Toxicity - Low. Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labeling of Chemicals. |
| Terrestrial: | Not tested on finished formulation. |

| | |
|---------------------------------------|---|
| Persistence and Degradability: | Readily Biodegradable per OCED 301D, Closed Bottle Test |
| Bioaccumulative Potential: | No data available. |
| Mobility in Soil: | No data available. |
| Other Adverse Effects: | No data available. |

Section 13: DISPOSAL CONSIDERATIONS

Unused or Used Liquid: May be considered hazardous in your area depending on usage and tonnage of disposal – check with local, regional, and or national regulations for appropriate methods of disposal.

Empty Containers: May be offered for recycling.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Safety Data Sheet: Crystal Clean All-Purpose Cleaner / Degreaser 40-4510 SDS

Section 14: TRANSPORT INFORMATION

U.N. Number: Not applicable
Transport Hazard Class(es): Not applicable
Packing Group: Not applicable
Environmental Hazards: Marine Pollutant - NO
U.N. Proper Shipping Name: Cleaning Compound, Liquid NOI
NMFC Number: 48580-3
Class: 55
Transport in Bulk (according to Annex II of MARPOL 73/78 and IBC Code): Unknown.
Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises: None known.

U.S. (DOT) / Canadian TDG: Not Regulated for shipping.
IMO / IDMG: Not classified as Hazardous
ICAO/ IATA: Not classified as Hazardous
ADR/RID: Not classified as Hazardous

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA and DSL Inventory.

SARA Title III: Sections 311/312 Hazard Categories – Not applicable.
Sections 313 Superfunds Amendments and Reauthorizations Act of 1986 – Not applicable.
Sections 302 – Not applicable.

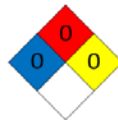
Clean Air Act (CAA): Not applicable
Clean Water Act (CWA): Not applicable

State Right To Know No ingredients listed
Lists: California No ingredients listed
Proposition 65: No ingredients listed

Section 16: OTHER INFORMATION

NFPA:

Health – None
Flammability – Non-flammable
Stability – Stable
Special - None



Acronyms

| | | | |
|------|---|------|---|
| NTP | National Toxicology Program | IARC | International Agency for Research on Cancer |
| OSHA | Occupational Safety and Health Administration | CPSC | Consumer Product Safety Commission |
| TSCA | Toxic Substances Control Act | DSL | Domestic Substances List |

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. Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. UTILITY urges the customers receiving this Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets. The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, UTILITY cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.