

MATERIAL SAFETY DATA SHEET Complies with OSHA's Hazard Communication Standard (29 CFR 1910.1200)

INFORMATION TELEPHONE NUMBER: 913-621-6542 (M-F 8 AM to 5 PM, CST) **Chemical Emergency: INFOTRAC 800-535-5053**

PRODUCT NAME: **CSI Disinfectant Cleaner** **REFERENCE:** RDW73 **ITEM NO.** 17050

DESCRIPTION: A ready-to-use disinfectant cleaner formulated with cationic & nonionic surfactants, chelating agents, builders, and glycol ether.

MANUFACTURER'S INFORMATION **DATE PREPARED:** May 7,2007 **SIGNATURES (Optional)**

Central Solutions, Inc. 401 Funston Rd., P.O. Box 15276 Kansas City, KS 66115	PREPARED By: Richard Kueser, Regulatory Manager REVIEWED By: Terry Hall, Technical Director	
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HMIS RATING	<i>Concentrate (Ready-To-Use)</i>	HEALTH	1	REACTIVITY	0	FLAMMABILITY	0	PERSONAL	B
HAZARD RATINGS: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme A = Safety Glasses B = Safety Glasses & Gloves									

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity)	CAS #	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
‡ N-Alkyl (C ₁₄ 60%, C ₁₆ 30%, C ₁₂ 5%, C ₁₈ 5%) Dimethyl benzyl ammonium chloride	68391-01-5	N/E	N/E	None	0.105
‡ N-Alkyl (C ₁₂ 68%, C ₁₄ 32%) dimethyl ethyl benzyl ammonium chloride	68956-79-6	N/E	N/E	None	0.105
Diethylene Glycol Monobutyl Ether	112-34-5	N.E.	N.E.	N.E.	5.0 to 10.00

Contains the above hazardous ingredients as define by:
 OSHA's Hazard Communication Standard; or as listed as CERCLA Hazardous Substances; or in SARA Title III Section 313 (Toxic Release Chemicals) or Section 302 (Extremely Hazardous Substances).
 ‡ Germicidal Actives * SARA Title III Section 313 Reportable N/A = Not Applicable N/E = Not Established N/D = Not Determined N/L Not Listed

SECTION 3 - HAZARDS IDENTIFICATION (Potential Health Effects)

POSSIBLE ROUTES OF ENTRY INTO THE BODY: Eyes · Skin · Ingestion · Inhalation
HEALTH HAZARDS: Will cause eye irritation and skin irritation with prolonged exposure. Can be harmful if swallowed or if spray mist is inhaled.
SIGNS AND SYMPTOMS OF EXPOSURE: **If in eyes:** Burning sensation, watering, or redness. **If on skin:** Redness, irritation, or burning sensation with prolonged exposure.
If spray mist is inhaled: Possible irritation and/or burning sensation. **If swallowed:** Possible gastrointestinal irritation or disturbance.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.
CARCINOGENICITY: NO ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or regulated by OSHA.

SECTION 4 - FIRST AID MEASURES

If in eyes: Flush with water for 15 minutes. **If on skin:** Wash liberally with soap and water.
If on clothes: Remove and wash before reuse. **If spray mist is inhaled:** Remove to fresh air.
If swallowed: If patient is conscious and alert, dilute by drinking large quantities of water. Do not induce vomiting without medical advice.
 Always get medical attention when product is swallowed or when symptoms are significant or persist.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: N/A Non-flammable water based liquid. **(METHOD USED):** N/A **Flammable Limits:** LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: As appropriate for the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: As appropriate for the surrounding fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Small spills (less than 1 gallon) may be washed down a drain or cleaned up and disposed of into a sanitary sewer system.
LARGE SPILLS: Large spills (more than 1 gallon) should be contained and collected (by absorption or vacuuming) then disposed of properly.

SECTION 7 - HANDLING & STORAGE

HANDLING: Do not contaminate water, food, or feed. Do not reuse empty containers except for refilling quart or 8 ounce bottles with CSI Disinfectant. Keep containers clean and closed.
STORAGE: KEEP OUT OF REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: **Mechanical Ventilation (General):** Normally Sufficient **Local Exhaust:** Not Normally Needed
RESPIRATORY PROTECTION: Not needed for coarse wet sprays. General ventilation is normally adequate. Do not create or inhale mists or vapors.
SKIN PROTECTION: Gloves required for exposure to product while cleaning. Persons sensitive to cleaning chemicals should always wear gloves.
EYE PROTECTION: USE Safety Glasses when splashing or spraying of product into the eyes is likely.
WORK/HYGIENE PRACTICES: Wash hands after using. Do not get into eyes, on skin, or clothing. May be harmful if swallowed. Protect food and drink from contamination by product.

SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES

Appearance and Odor: Clear blue liquid with a pleasant floral fragrance.

Boiling Point: 212° F	Specific Gravity: @25°C 1.010 to 1.020	pH (Ready-To-Use): 11.50 to 12.50
Vapor Pressure: N.E.	Solubility In Water: Complete	pH (Diluted): N/A (ready-to-use)
Vapor Density: N.E.	Melting Point: N/A	Evaporation Rate: N.E.

SECTION 10 - STABILITY & REACTIVITY

STABILITY: Stable **HAZARDOUS POLYMERIZATION:** Will Not Occur **INCOMPATIBILITY (Materials or Conditions to Avoid):** None Known
HAZARDOUS DECOMPOSITION OR BY PRODUCTS: None Known

SECTION 11 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This product is not considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261. Dispose of product by using in accordance with label directions or in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).

SECTION 12 - TRANSPORTATION INFORMATION

DOT HAZARD CLASS: Class 8 (Corrosive), Packing Group III, UN1903
PROPER SHIPPING NAME & LABELING: 1 Gal & less: ORM-D Consumer Commodity 5 Gal & Larger: Disinfectant Liquid, Corrosive, N.O.S. (Sodium Metasilicate), UN1903

NOTE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied is given. It is the responsibility of the user to comply with all Federal, State and Local laws and regulations.