

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, CT) REFERENCE: RDW68B ITEM NO. 23000

PRODUCT NAME: CLASSIC Whirlpool Disinfectant Cleaner

DESCRIPTION: A quaternary ammonium disinfectant cleaner formulated with non-ionic and cationic wetting agents.

MANUFACTURER'S INFORMATION DATE PREPARED: July 9, 2010 SIGNATURES (Optional)

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HMIS RATING Concentrate HEALTH 2 REACTIVITY 0 FLAMMABILITY 0 PERSONAL B

HMIS RATING Diluted 1:64 (2 oz./gal) HEALTH 1 REACTIVITY 0 FLAMMABILITY 0 PERSONAL A

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)
± Octyl Decyl Dimethyl Ammonium Chloride	68424-95-3	N/E	N/E	N/E	1.65 %
± Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) Dimethyl Benzyl Ammonium Chloride	68424-85-1	N/E	N/E	N/E	2.20 %
± Dioctyl Dimethyl Ammonium Chloride	5538-94-3	N/E	N/E	N/E	0.83 %
± Didecyl Dimethyl Ammonium Chloride	7173-51-5	N/E	N/E	N/E	0.83 %
* Ethyl alcohol	64-17-5	1000 ppm	1000 ppm		< 2.00 %
± Germicidal Actives * SARA Title III Section 313 Reportable	N/A = Not Applicable	N/E = Not Established		N/D = Not Determined	

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, possible dizziness or headache.

If swallowed: Possible gastrointestinal irritation, disturbance or pain.

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: Wash before reuse. If spray mist is inhaled: Remove to fresh air.

If swallowed: DO NOT induce vomiting. If patient is conscious and alert, dilute by drinking large quantities of water. If vomiting occurs spontaneously, keep head low to keep from breathing vomit into lungs. 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 sanitary sewer 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. 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 the concentrate when diluting or for long exposures to end-use dilutions.

Persons sensitive to cleaning chemicals should always wear gloves.

EYE PROTECTION: USE Safety Glasses when diluting concentrates or when splashing or spraying of diluted 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: A clear yellow liquid with a mild floral odor.

Boiling Point: 212° F Specific Gravity: @25°C 1.009 to 1.019 pH (Concentrate): 12.00 to 13.00

Vapor Pressure: N.E. Solubility in Water: Complete pH (Diluted): 1:64 (deionized water) 9.50 to 10.50

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: carbon dioxide, carbon monoxide, ammonia or amines, oxides of nitrogen, chlorine

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

PROPER SHIPPING NAME: Chemicals, NMFC, 60000, Class 70 DOT HAZARD CLASS: N/A Not Hazardous

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.