

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

Eddystone Industrial Park
2000 Industrial Highway
Eddystone, PA 19022-1513

Product: **MEBEC 423**

Daytime Telephone: (610) 876-9906
24 Hour Emergency: CHEMTREC® (800) 424-9300

MSDS No.: F2423 - Rev 4.1 Date: 11/01
Replaces - Rev 4.1 11/95
Reason: Format change

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name: MEBEC 423
Chemical Name/Synonym: PROPRIETARY BLEND
Chemical Family: ALKALINE COMPOUND - POWDER
Formula: PROPRIETARY
Product Code: F2423

HMIS
Hazard Rating: Legend:
Health: 2 0 - Least
Fire: 0 1 - Slight
Reactivity: 1 2 - Moderate
 3 - High
 4 - Extreme

Product Description: POWDERED ALKALINE CLEANING COMPOUND

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: N/A (Powder) Solubility in Water: 20 oz/gal @ 70°F
Vapor Pressure: N/A (Non-solvent) Bulk Density: 8.3 lbs./gal volume
Vapor Density: N/A (Non-Solvent) % Volatile by Volume: Nil
Appearance: White powder Odor: Mild surfactant type
pH: 11.8 ± 0.2 @ 2 oz/gal, in distilled H₂O

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sodium metasilicate ¹	6834-95-0	10 - 20	Not Listed	Not Listed
Sodium dichloroisocyanurate	51580-86-0	1 - 5	0.5 ppm 1.0 ppm (STEL)	0.5 ppm 1.0 ppm (STEL)
Inert and/or currently non-hazardous components	-----	75 - 85	-----	-----

Note: Material may contain trace amounts of ethylene oxide (75-21-8) in quantities less than 0.0001%.

¹ Component exposure limits not established. Assume exposure evaluation of 2 mg/m³ as Ceiling limit. Some manufacturers recommend 5 or even 10 mg/m³. Can be a severe skin irritant.

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: N/A (will not support combustion).
Extinguishing Media: Small Fire: CO₂, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: Stable.
Incompatibility: Ammonia, acids and acidic cleaning compounds.
Hazardous Decomposition Products: Carbon monoxide may form upon thermal degradation.
Hazardous Polymerization: Will not occur.

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb solution spills with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT: May cause irritation. Severe irritation or chemical burn may occur if not irrigated immediately.
SKIN CONTACT: Prolonged contact may cause dryness and dry skin irritation.
INHALATION: Breathing of airborne dust or mist may cause irritation of respiratory tract.
INGESTION: May cause irritation or burns of digestive tract.
EFFECTS OF OVEREXPOSURE: None currently known.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes (industry safety standard for all materials) while separating eyelids with fingers. Seek medical attention if irritation persists.
SKIN: Flush with water; wash with soap and water after handling.
INHALATION: Remove to fresh air.
INGESTION: Promptly administer several large glasses of water. DO NOT INDUCE VOMITING - Seek medical attention. Never give anything by mouth to an unconscious person

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION: None normally required; product normally does not produce vapors or mist.
RESPIRATORY PROTECTION: None normally required; NIOSH approved respirator for mist conditions.
PROTECTIVE CLOTHING: Chemical resistant gloves when mixing or handling.
EYE PROTECTION: Tight fitting or chemical workers goggles when preparing solutions or if splashing is anticipated.

-- SECTION 10 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe solution mists. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use.

SHIPPING INFORMATION: Shipping Name: Alkaline Cleaning Powder, Unregulated
 Hazard Class: None
 UN/NA Number: None

TSCA - The ingredients in this material are listed on the TSCA Inventory. Although hydrated, dichloro-s-triazinetriene is reported as CAS # 2893-78-9 (anhydrous) on the TSCA Inventory.

SARA Title III Information (for dichloro-s-triazinetriene as a component of this material): A) Sections 311/312 - Immediate, Fire, Reactive; B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.
CERCLA Information (for the dichloro-s-triazinetriene component): Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs of 100 lbs. Release to land, air or water of MEBEC 423 would be in excess of 8,000 lb. to meet the RQ for reporting. As D002 waste, sodium metasilicate is listed with an RQ of 100 lbs., and is considered corrosive.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

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