

# MATERIAL SAFETY DATA SHEET

## Curtis/GlenChem Corp.

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

Product: **MACHINE CLEANER**

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

MSDS No.: G5252 - Rev 4.0 Date: 08/96  
Replaces - Rev 3.0 04/95  
Reason: Format Change

////////////////////////////////////  
**-- SECTION 01 - IDENTIFICATION AND INFORMATION --**

Product or Trade Name .....	MACHINE CLEANER	HMIS	
Chemical Name/Synonym .....	PROPRIETARY BLEND	<u>Hazard Rating:</u>	<u>Legend:</u>
Chemical Family .....	ALKALINE COMPOUND - POWDER	Health:.....	2 0 - Least
Formula .....	PROPRIETARY	Fire:.....	0 1 - Slight
Product Code .....	G5252	Reactivity: .....	1 2 - Moderate
			3 - High
			4 - Extreme

Product Description: ALKALINE CLEANING COMPOUND

**-- SECTION 02 - PHYSICAL DATA --**

Boiling Point: .....	N/A	Solubility in Water: .....	6 oz/gal (70°F); 15 (180°F)
Vapor Pressure: .....	N/A	Specific Gravity: .....	8.1 lbs/gal (bulk density)
Vapor Density: .....	N/A	% Volatile by Volume: .....	N/A
Appearance: .....	Buff powder; yellow/green solution	Odor:.....	Pine
pH: .....	10.6 ± 0.5 @ 2 oz/gal, 70°F.		

**-- SECTION 03 - HAZARDOUS COMPONENTS --**

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
*Sodium metasilicate	6834-95-0	85-95	Not Listed	Not Listed
Inert and/or non-hazardous components	-----	5-10	-----	-----

\*Component exposure limits not established. Assume exposure evaluation of 2 mg/m<sup>3</sup> as Ceiling Limit; 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: CO<sub>2</sub>, 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: .....

Strong oxidizers and reducing agents.

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 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 with solutions may cause dryness and dry skin irritation.  
INHALATION:..... Breathing of airborne dust or mist may cause burns of respiratory tract.  
INGESTION: ..... May cause burns in 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). Seek medical attention if irritation persists.  
SKIN:..... Flush with water; wash with soap and water after handling.  
INHALATION:..... Remove to fresh air.  
INGESTION: ..... DO NOT INDUCE VOMITING - Administer several glasses of water or milk to drink. Follow with dilute vinegar or a citrus fruit drink. 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 vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers.

D.O.T.: Shipping Information: Shipping Name: Alkaline Cleaning Powder, Not Regulated

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for the components of this material): A) Sections 311/312 - Not Listed; B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.

CERCLA Information (for the components): None Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs.

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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