

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

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

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

Product: **BLAST-OFF!**

MSDS No.: T5818 - Rev 1.0 Date: 09/99
Replaces - None
Changes - Original Total Pages: 2

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:	BLAST-OFF!	HMIS	
Chemical Name/Synonym:	PROPRIETARY BLEND	Hazard Rating:	Legend:
Chemical Family:	ALKALINE POWDERED CLEANING COMPOUND	Health:	2 0 - Least
Formula:	PROPRIETARY	Fire:	0 1 - Slight
Product Code:	T5818	Reactivity:	0 2 - Moderate
			3 - High
			4 - Extreme

Product Description: ALKALINE POWDERED CLEANING COMPOUND

-- SECTION 02 - PHYSICAL DATA --

Boiling Point:	N/A (Powder)	Solubility in Water:	24 oz/gal @ 70°F
Vapor Pressure:	0.6 mm Hg @68° F	Bulk Density:	8.1 #/gal
Vapor Density:	4.1	% Volatile by Volume:	< 10
Appearance:	Off-white powder	Odor:	Glycol Ether (Butyl)
pH:	11.1 ± 0.4 @ 2 oz/gal		

-- 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	< 20	Not Listed	Not Listed
Sodium Tripolyphosphate	7758-29-4	< 40	Not Listed	Not Listed
2-butoxyethanol	111-76-2	< 10	25 ppm (TWA8)	25 ppm (TWA8)
Inert and/or currently non-hazardous components	-----	40-50	-----	-----

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

*Component exposure limits not established. Assume exposure evaluation of 2 mg/m³ 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: 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: Strong oxidizers and reducing agents.
Hazardous Decomposition Products: Carbon monoxide may form upon thermal degradation.
Hazardous Polymerization: Will not occur.

- Continued on following page -

-- 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 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) 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: DO NOT INDUCE VOMITING - Seek medical attention. Never give anything by mouth to an unconscious person. If conscious, administer several glasses of water to drink, followed by a citrus drink.

-- 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 dust or solution mists. Do not allow powder or solution to contact eyes, or leave in contact with skin for prolonged periods. Launder contaminated clothing and clean contaminated shoes prior to re-use.

D.O.T.: Shipping Information:	Proper 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.

SARA Title III Information (for sodium metasilicate as a component of this material): A) Sections 311/312 - Acute; B) Section 313 - Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance. Glycol Ether: 311/312, Delayed, Fire Hazard, and Immediate Health Hazard. No other ingredients are listed

CERCLA Information (for the metasilicate component): Not Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs. However, RQ is 100 lb. as D002 waste (Corrosive). Glycol Ether also has no reportable quantity.

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.

The information herein is given in good faith, but no warranty, express or implied, is made.