

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 7/11/2007

Code: 1405

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: TARTAN SUPPLY COMPANY, INC.	Emergency Phone: 708/333-8900
Address: 3250 West 126th Street, Brookfield, WI 53005	Prepared By:
Trade Name: BLAST	Product Type: Heavy Duty Cleaner/Degreaser

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Sodium Hydroxide	1310-73-2	3 - 8%	2 Mg/M3 (TWA/STEL)
Sodium Metasilicate	6834-92-0	1 - 5%	None Established
Nonionic Surfactant	9016-45-9	3 - 8%	None Established

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting requirement.

SECTION 3 - PHYSICAL DATA

Boiling point (°F): 212°F	Specific Gravity (H ₂ O=1.0): 1.076 ± 0.005	pH: 13.2	± 0.5
Vapor Pressure (mm Hg): Not Determined	Vapor Density (Air=1): Not Determined		
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs. H ₂ O): <input type="checkbox"/> <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Appearance and Odor: Clear, red liquid with no distinct odor.		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits: N/A	Upper	Lower
Extinguishing Media: Product is non-combustible. Water Spray (Fog), Dry Chemical; CO ₂ ; or Foam may be used where product is stored.			
Special Firefighting Procedures: Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
Unusual Fire and Explosion Hazards: None			

SECTION 5 - REACTIVITY DATA

Stability: Stable	Incompatibility: Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products: Burning may produce oxides of carbon and other substances.	

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Overexposure (Acute): Corrosive to all body tissues by all routes of exposure. Contact with skin can produce severe burns & destroy tissues; irritation may be delayed. Contact with eyes may cause severe burns, permanent damage & possibly blindness. Harmful or fatal if swallowed — causes severe burns of the mouth, throat & stomach. Inhalation of generated mists or spray may cause respiratory irritation or damage.
Signs and Symptoms of Overexposure (Chronic): Chronic local effects may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.
Medical Conditions Aggravated by Overexposure: An existing dermatitis.
Carcinogen or Suspect Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately.
Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.
Ingestion: Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.
Inhalation: Not an expected route of exposure. If vapors or mists cause irritation, remove subject to fresh air.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required under normal use conditions with ventilation sufficient to control vapors/mists below regulatory limits.
Ventilation Requirements: Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/> Eye Protection: Safety Glasses/Goggles
Protective Gloves: Rubber/PVC Other Protective Clothing: Protective clothing appropriate to minimize contact during specific operations.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle, or proper disposal.
Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage: WARNING: Corrosive Liquid. Do not get in eyes, on skin or clothing. Keep container closed when not in use. Wash thoroughly after handling.

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS
HAZARD
RATING

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME