



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**BLOC-AID**

Product Number: 7380; 7585

Product Division:

**Janitorial**

**Spartan Chemical Company, Inc.**  
1110 Spartan Drive  
Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**  
Medical Emergency: **1-(888)-314-6171 (24 hours)**  
Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Corrosive liquids, n.o.s., 8, UN 1760, II, (contains sodium hydroxide)

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 4 - Extreme <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 1- Slight	<b>Health:</b> 4 - Extreme <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 1- Slight <b>Pers. Prot. Equip.:</b> See Section VIII

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Sodium hydroxide	30-40	1310-73-2	2	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 255 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: > 13.5	Specific Gravity (H <sub>2</sub> O=1): 1.38
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 30-40
Physical State: Liquid	
Appearance & Odor: Clear red liquid, no odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 255 °F	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.	
Unusual Fire & Explosive Hazards: Products of combustion are toxic.	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure-	<b>CORROSIVE:</b> Causes irreversible eye damage. Symptoms include pain, tissue destruction, swelling and chemical burns. Causes severe skin damage. Symptoms include pain, tissue destruction and chemical burns. Harmful or fatal if swallowed. Ingestion can produce pain, irritation and damage to mouth, throat and gastrointestinal tract possibly leading to death. Product is considered to be a poison. Inhalation of product mist may cause respiratory system damage or irritation. Do not get in eyes on skin or clothing. Do not taste or swallow. Avoid breathing product mist. Wash thoroughly after handling.		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		

**Emergency & First Aid Procedures :**

Eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after the first 5 minutes then continue rinsing eye. Get immediate medical attention.
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention. Wash contaminated clothing before reuse.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.
Inhalation:	In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.

**SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong oxidizers
Hazardous Decomposition Products:	CO, CO <sub>2</sub>	Hazardous Polymerization:	Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Dike and contain spill with inert material (sand , earth, etc.) and transfer the liquid and solid separately to containers for recovery and disposal. Keep spill out of sewers and open bodies of water.
Waste Disposal Method:	Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Not normally required when good general ventilation is provided. However if exposure limits are exceeded (see Section II) or if respiratory irritation occurs, the use of a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered. (N95 or greater recommended)
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or neoprene gloves are recommended to prevent skin contact.
Eye Protection(Specify Type):	Splash goggles and face shield are recommended.
Other Protective Equipment:	Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138 for further guidance.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Keep from freezing. Store at temperatures below 140 F. Keep containers closed until used. Do not contaminate drinking water; food or feed by storage or disposal.
Other Precautions:	Keep out of reach of children.

© SCC 11/01/2007                      Name:              Ronald T. Cook                      Title:              Manager, Regulatory Affairs  
BLOC-AID                                  Effective Date:    11/01/2007                      Supercedes:      06/01/2007  
Ref: 29 CFR 1910.1200 (OSHA)      Changes:           Update Section VIII

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