

## MATERIAL SAFETY DATA SHEET

BROCO PRODUCTS, INC.  
18624 SYRACUSE AVENUE  
CLEVELAND, OHIO 44110

DATE: 09/09/96  
SUPERCEDES DATE: 12/13/93

(216) 531-0880  
1-800-321-0837  
FAX No. (216) 531-8539

24 hour emergency phone CHEMTREC 1-800-424-9300

SECTION I  
PRODUCT IDENTIFICATION

PRODUCT NAME: **BroCo THE STUFF FOR STAINLESS STEEL**  
PRODUCT CLASS: Scouring powder, dry mix

SECTION II  
HAZARDOUS INGREDIENTS

NFPA RATING:			
HEALTH	<u>1</u>	FLAMMABILITY	<u>0</u>
		REACTIVITY	<u>0</u>
<u>INGREDIENT</u>	<u>TLV</u>	<u>%</u>	<u>CAS NO.</u>
Sodium Bisulfate (GBS)	2.5 mg/M3	<25	7681-38-1

SECTION III  
PHYSICAL DATA

APPEARANCE: White powder  
EVAPORATION RATE: Does not apply  
PERCENT VOLATILE: Does not apply  
ODOR: None  
VAPOR DENSITY: Does not apply  
WEIGHT/GALLON: Does not apply  
SOLUBILITY IN WATER: Incomplete

SECTION IV  
FIRE & EXPLOSION HAZARD DATA

FLASH POINT: None.  
EXTINGUISHING MEDIA: Any extinguishing media may be used which is suitable for other materials in the fire.  
SPECIAL FIRE FIGHTING PROCEDURES: Pressure demand, self-contained respiratory protection and protective clothing should be worn by firefighters in areas where product would be stored.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: May release sulfur dioxide and trioxide gases if involved in a fire.

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SECTION V  
HEALTH HAZARD DATA

## EFFECTS OF OVEREXPOSURE:

- a) EYES: Severe eye hazard; solid or concentrated solution destroys tissue on contact.
- b) SKIN: Moderate irritant.
- c) BREATHING: Irritating to mucous membrane.
- d) SWALLOWING: Industrial chemicals are never to be taken internally. Can cause severe burns and complete tissue perforation of mouth, throat, esophagus, and stomach, if swallowed.

## EMERGENCY FIRST AID PROCEDURES:

- e) EYES: Flush with clean water for 15 minutes. Contact a physician. Washing eyes within one minute after contact is essential to achieve maximum effectiveness.
- f) SKIN: Wash with soap and water. If excessive amounts of the powder are imbedded in the clothing, remove the contaminated clothing and do not reuse until laundered.
- g) BREATHING: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.
- h) SWALLOWING: If swallowed, do not induce vomiting; call a physician. Give one to two glasses of water, or if available, water containing Milk of Magnesia. Never give anything by mouth to an unconscious person.

THRESHOLD LIMIT VALUE: SEE SECTION II

SECTION VI  
REACTIVITY DATA

CONDITIONS TO AVOID: Should not be mixed with strong alkaline (caustic) materials.

HAZARDOUS DECOMPOSITION PRODUCTS: None unless heated to excessive temperatures (over 570 F.)

INCOMPATIBILITY (MATERIALS TO AVOID): Should not be mixed with strong alkaline (caustic) materials.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: STABLE:  X  UNSTABLE: \_\_\_\_\_

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SECTION VII  
SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Pick up as much as possible with shovel or other tool. Then neutralize balance of spill with alkaline solution and wash down with water.

WASTE DISPOSAL METHODS: Comply with federal, state, and local regulations. If approved, solutions may be neutralized with lime or soda ash and drained to sewer to waste treatment plant.

SECTION VIII  
SPECIAL PROTECTION INFORMATION

EYE PROTECTION: Close fitting chemical safety goggles.  
PROTECTIVE GLOVES: Rubber, Latex, or PVC gloves.  
RESPIRATORY PROTECTION: NIOSH/MSHA approved dust-type respirator.  
VENTILATION: Local exhaust -- sufficient to maintain dust or vapor levels below permissible exposure limits.  
HYGIENIC PRACTICES: Wash with soap and water after using this material.

SECTION IX  
SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:  
-- Do not store where exposed to atmosphere or moist conditions.  
-- When handling, wear protective clothing and equipment as described in Section 8.  
-- Wash thoroughly after handling.

SECTION X  
DOMESTIC TRANSPORTATION AND LABELING

DOT CLASSIFICATION:  
Non-Regulated Dry

PRECAUTIONARY LABELS:  
CONTAINERS MUST INDICATE:

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