

## MATERIAL SAFETY DATA SHEET

**H & H PRODUCTS, INC.**  
**RT. 3, BOX 80**  
**DUNN, NC 28334**  
**(910)891-1766**

**EMERGENCY TELEPHONE**  
**1-800-849-5712**

### SECTION I - PRODUCT INFORMATION

**PRODUCT NAME:** Clean & Shine

**PRODUCT USE:** Floor cleaner

**HMS RATING:** HEALTH 0 FLAMMABILITY 0 REACTIVITY 0  
**PERSONAL PROTECTION** A

### SECTION II - INGREDIENT INFORMATION

**A) HAZARDOUS INGREDIENTS:** None

**B) HAZARDOUS INGREDIENTS GREATER THAN 0.3 %:**

<u>INGREDIENT</u>	<u>CAS NUMBER</u>
Water	7732-18-5
Alkyl Phenol Ethoxylate	9016-45-9
Sodium Tripolyphosphate	7758-29-4

**Other ingredients below reporting requirements:**

EDTA	64-02-8
Ethylene Acrylic Acid Copolymer,	
Sodium Sulfate	7752-82-6
Sodium Nitrite	7632-00-0

### SECTION III - PHYSICAL & CHEMICAL DATA

<b>pH:</b>	10.5
<b>ODOR:</b>	Sassafras
<b>APPEARANCE:</b>	Green
<b>PHYSICAL STATE:</b>	Liquid
<b>EVAPORATION RATE: ( WATER-1 ):</b>	>1
<b>BOILING POINT:</b>	~ 212°F
<b>VAPOR DENSITY ( AIR-1 ):</b>	>1
<b>VAPOR PRESSURE:</b>	~ 18 mm
<b>SPECIFIC GRAVITY:</b>	1.03
<b>SOLUBILITY IN WATER:</b>	Complete
<b>% VOLATILE ( BY WEIGHT )</b>	87.5



**CLEAN & SHINE****PAGE 2 OF 3****SECTION IV - FIRE & EXPLOSION HAZARD DATA**

**FLASH POINT:** None  
**METHOD USED:** TCC  
**FLAMMABLE LIMITS:** Not applicable  
**EXTINGUISHING MEDIA:** Not applicable  
**SPECIAL FIRE FIGHTING PROCEDURES:** Not applicable  
**UNUSUAL FIRE & EXPLOSION HAZARD:** None known

**SECTION V - PHYSICAL HAZARDS ( REACTIVITY DATA )**

**STABILITY:** Yes  
**INCOMPATIBILITY (MATERIALS TO AVOID ):** Strong oxidizing agents  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**SECTION VI - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES**

**Protective Gloves:** Rubber  
**Eye Protection:** Safety  
**Skin:** Avoid prolonged skin exposure.

**SECTION VII - HEALTH HAZARD DATA**

**PRIMARY ROUTE(S) OF ENTRY:** Eye

**EFFECTS OF ACUTE EXPOSURE:**

**Skin Contact:** Prolonged contact may cause irritation.

**Eye Contact:** May slightly irritate eyes.

**EFFECTS OF CHRONIC EXPOSURE:** Not known

**MEDICAL CONDITIONS AGGRAVATED BY USE:** Skin sensitivity to detergents could result in an allergic reaction.

**OTHER HEALTH HAZARDS ( CARCINOGENICITY, MUTAGENICITY, TERATOGENICITY ):** Not established

**SECTION VIII - FIRST AID PROCEDURES**

**EYES:** Flush immediately with water for 15 minutes. Contact physician if irritation persists.

**SKIN:** Flush with water for 15 minutes. Contact physician if irritation persists.

**INGESTION:** Drink (2) glasses of water. Contact physician immediately.

**SECTION IX - STORAGE, SPILL & DISPOSAL INFORMATION**

**LEAK AND SPILL PROCEDURE:** Soak up with absorbent.

**STORAGE REQUIREMENTS:** Do not freeze or store above 140°F. Keep container closed. Keep out of reach of children.

**WASTE DISPOSAL:** Dispose if in accordance with local, state and federal regulations.



**CLEAN & SHINE****PAGE 3 OF 3****SECTION XII - MSDS PREPARATION INFORMATION**

**PREPARED BY:** Pam Goodman **DATE:** 1-10-94  
**SOURCES:** Supplier MSDS's, RTECS - NIOSH, The Merck Index, Clinical Toxicology of Commercial Products, The New York Public Health Fact Sheets, TLV's 1987-1988 ACGIH.

**DISCLAIMER AND NOTICE**

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA WE BELIEVE TO BE RELIABLE AS OF THE DATE OF PREPARATION OF THIS MATERIAL SAFETY DATA SHEET. THE ACCURACY AND COMPLETENESS OF SUCH DATA ARE NOT WARRANTED OR GUARANTEED. WE CANNOT ANTICIPATE ALL CONDITIONS UNDER WHICH THIS INFORMATION AND OUR PRODUCTS, OR THE PRODUCTS OF OTHER MANUFACTURERS IN COMBINATION WITH OUR PRODUCTS, MAY BE USED. WE ASSUME NO LIABILITY OR RESPONSIBILITY FOR LOSS OR DAMAGE RESULTING FROM THE IMPROPER OR ABNORMAL USE OR HANDLING OF OUR PRODUCTS, FROM INSTRUCTIONS AND WARNINGS IN THE PRODUCT'S LABEL AND MATERIAL SAFETY DATA SHEET, OR FROM ANY FAILURE TO ADHERE TO RECOMMENDED PRACTICES.