



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
 UNITED 566 COIL SHINE

**USE/DESCRIPTION**  
 Metal Brightener

**REVISION DATE**  
 June 10, 2014

#### HMIS III HEALTH (0 = Maximum Safety) **1**

Always follow Label Directions and Cautions.

\* Chronic **2** Moderate  
 4 Severe **1** Slight  
 3 Serious **0** Minimal

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety) **1**

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. **2** Violent chemical change possible-use hose stream from distance  
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. **1** Unstable if heated-use precaution.  
**0** Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) **0**

Susceptibility of Material to Burning.

4 Extremely flammable **1** Must be preheated to burn.  
 3 Ignites at normal temperature. **0** Will not burn.  
 2 Ignites when moderately heated.

**PERSONAL PROTECTION: p & n**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Hydrogen peroxide	7722-84-1	5-10	1 ppm 1.4 mg/m3	1 ppm 1.4 mg/m3	75 mg/kg (Rat/oral)	>2000 ppm (Rat)
Sodium perborate tetrahydrate	10486-00-7	1-5	NE	NE	1200 mg/kg (Rat/oral)	ND

### 3. HAZARDS IDENTIFICATION

**Eyes:** Moderate to severe irritation, redness and possible burns.

**Skin:** May cause redness, dryness and irritation with prolonged or repeated exposure.

**Inhalation:** May cause respiratory irritation with prolonged or repeated exposure.

**Ingestion:** Large amounts may cause irritation and blistering to the mouth, throat, and stomach.

### 4. FIRST AID MEASURES

**Eyes:** Flush with plenty of cool water for at least 15 minutes while holding eyelids open. Call a physician or poison control center immediately.

**Skin:** Wash thoroughly with soap and water. Remove contaminated clothing. If irritation persists, call a physician or poison control center.

**Inhalation:** Remove to fresh air and apply CPR as needed. If irritation persists, call a physician or poison control center.

**Ingestion:** DO NOT induce vomiting. If conscious, give 2-3 glasses of water. Call a physician or poison control center immediately.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** None

**Explosive Limits:** Lower (LEL): ND Upper (UEL): ND

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce oxygen gas.

**Fire and Explosion Hazards:** May decompose generating oxygen, which may intensify fire in combustible surroundings.

**Extinguishing Media:** Water spray.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing. Use water spray to cool fire-exposed containers.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Contain spill and soak up with inert material for example vermiculite, dry sand, earth and place into properly labeled drums for proper disposal.

**Large Spills:** For large spills evaluate area. Avoid inhaling fumes. Use proper safety equipment. Avoid exposure to heat. Contain spill and soak up with inert material for example vermiculite, dry sand, earth and place into properly labeled drums for proper disposal. Flush remaining area with water to remove trace residue and dispose of properly.

## 7. HANDLING AND STORAGE

Keep in a properly labeled, tightly closed container. Store in a cool, well-ventilated area away from sources of ignition and incompatible materials. Containers when empty may retain product residue and may be hazardous. Rinse empty containers with water.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Chemical safety goggles are recommended.

**Skin:** Chemical resistant gloves are recommended.

**Respiratory:** Not normally required if good ventilation is maintained. Use a NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

**Engineering Controls:** Maintain good ventilation and local exhaust is generally adequate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** >212°F/>100°C **Specific Gravity:** 1.22 (H<sub>2</sub>O=1) **Vapor Pressure:** ND **Melting Point:** ND  
**Vapor Density:** ND **Evaporation Rate:** ND **Solubility in Water:** Complete **pH:** 9  
**Appearance and Odor:** Clear, colorless, odorless liquid.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxygen gas.

**Chemical Stability:** Stable

**Incompatibility:** Do not mix with other cleaners or chemicals.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** No

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? No

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT-Land USA:** Not regulation for transportation.

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** ND

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** None

**WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 566 COIL SHINE

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