



# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: HYDROCID FOR WOOL**

## SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

**PRODUCT NAME:** Hydrocide for Wool

**MANUFACTURER:**  
BRIDGEPOINT SYSTEMS  
4282 S 590 W  
Salt Lake City, UT 84123  
Telephone: 801-261-1282

**EMERGENCIES:** (800) 535-5053 (Infotrac)

Date : 10/9/2011

**NFPA/HMIS RATINGS:** Health: 1, Flammability: 0, Reactivity: 0  
Hazard Rating (Zero=Insignificant 1= Slight 2= Moderate 3= High 4= Extreme)

## SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

There are no components contained in this material that are considered hazardous under 29CFR1910.1200.

## SECTION 3 HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**Physical Appearance:** Clear, amber liquid/ light fragrance

### IMMEDIATE HEALTH EFFECTS

**Eyes:** Irritant. Avoid contact with eyes.

**Skin:** Prolonged and repeated contact may cause irritation to skin.

**Inhalation:** Inhalation is not likely to cause harmful effects.

**Ingestion:** Single dose oral toxicity is low. Swallowing large amounts may be harmful.

**PRIMARY ROUTES OF ENTRY:** Eyes, skin contact/absorption, inhalation or ingestion.

**SIGNS/SYMPTOMS OF OVEREXPOSURE:** Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

**TARGET ORGAN EFFECTS:** Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled repeatedly.

**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No data available.

**CARCINOGENIC INFORMATION:** NTP: Known – No; Anticipated – No

**OSHA:** TLV-A4 for isopropyl alcohol. **IARC:** No

**LONG TERM EFFECTS:** No data available.

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**SECTION 4 FIRST AID MEASURES**

**EYES:** Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

**SKIN:** If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician

**INHALATION:** If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.

**INGESTION:** Give 8 to 16 ounces of water to dilute substance. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

**SECTION 5 FIRE FIGHTING MEASURES**

**FLASHPOINT :** No Flash below Boil

**EXPLOSIVE LIMITS:** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**HAZARDOUS PRODUCTS OF COMBUSTION:** In the event of fire, the following may be released: Zinc oxide, carbon dioxide, carbon monoxide and/or nitrogen oxides.

**EXTINGUISHING MEDIA:** Water spray, foam, dry chemical powder of carbon dioxide.

**FIRE FIGHTING INSTRUCTIONS:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** For small spills, soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly. Flush area with water to remove trace residue.

**SECTION 7 HANDLING AND STORAGE**

**HANDLING:** Handle and open containers with care. Do not handle near an open flame, heat, or other source of ignition.

**STORAGE:** Store in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EYE/FACE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses. Consult your safety representative.

**SKIN PROTECTION:** Wear rubber gloves (consult your safety representative). Wear impervious clothing and boots to prevent repeated or prolonged skin contact.

**RESPIRATORY PROTECTION:** If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your safety representative). Engineering controls or administrative controls should be implemented to reduce exposure.

**ENGINEERING CONTROLS:** Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE AND ODOR:** Clear, amber liquid/mild acrid odor

**pH (1% solution):** 5.5 +/- .2

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**BOILING POINT:** 212 °F

**SOLUBILITY IN WATER:** Dispersible.

**EVAPORATION RATE:** (water = 1) approximately 1

**DENSITY:** 1.04 +/- 0.02

**SECTION 10 STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable.

**CONDITIONS TO AVOID:** None with proper storing and handling.

**MATERIALS TO AVOID:** Oxidizing materials

**HAZARDOUS DECOMPOSITION:** Upon combustion, the following may be produced:

Oxides of carbon and nitrogen.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE:** Skin absorption, eye contact, inhalation, and ingestion.

**CARCINOGENITY:** None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

**TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS:** No data available.

**CONDITIONS AGGRAVATED BY EXPOSURE:** No data available.

**SYNERGISTIC MATERIALS:** No data available.

**SECTION 12 ECOLOGICAL INFORMATION**

No data available.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

**RCRA INFORMATION:** If this material becomes a waste, it would not be considered hazardous under 40CFR261.

**SECTION 14 TRANSPORT INFORMATION**

No restrictions for Ground, Air, or Maritime Transportation in accordance with 49 CFR parts 100-185.

**SECTION 15 REGULATORY INFORMATION**

All components are listed on TSC

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**SECTION 16: OTHER INFORMATION**

This product has no established regulatory information. All regulatory information given is based on individual components of the mixture by component number. While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. BRIDGEPOINT SYSTEMS MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A= Not applicable N/D= Not determined N/E= Not established