

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### FORMULATED FOR:

Hydrasmart  
P.O Box 12706  
ROANOKE, VA 24027

**PRODUCT NAME:** Hydra-80  
**CHEMICAL FAMILY:** Non-ionic surfactant and humectant blend

**Date of Issue:** 4/18/18

## 2. HAZARDS IDENTIFICATION SUMMARY

Physical Hazards:	Not classified	
Health Hazards:	Skin corrosion / irritation	Category 2
	Eye damage / eye irritation	Category 2
OSHA Defined Hazards:	Combustible dust	Not applicable
	Pyrophoric gas	Not applicable
	Simple asphyxiant	Not applicable
Label Elements:		
Signal Word:	Warning	
Hazard Statement:	Causes skin irritation. Causes serious eye irritation.	



## 3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percent</u>	<u>CAS No.</u>
Proprietary blend of surfactants and adjuvants	80%	Proprietary

## 4. FIRST AID MEASURES

**If in eyes:** Immediately rinse with water for 5 minutes  
**If on skin:** Wash skin with soap and water  
**If swallowed:** Rinse mouth with water and seek medical attention if symptoms occur  
**If inhaled:** Remove product or move person to fresh air

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE LIMITS (LFL & UFL):** Not applicable  
**EXTINGUISHING MEDIA:** Alcohol resistant foam, water fog, dry chemical powder, CO2  
**HAZARDOUS COMBUSTION PRODUCTS:** During fire, gases hazardous to health may be formed  
**SPECIAL FIRE FIGHTING PROCEDURES:** This product is non-flammable, and does not support combustion.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Clean at once. Do not allow dry material to come in contact with heat.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required. Sealed containers may develop pressure, open with caution. Wash hands thoroughly after handling the product.

**STORAGE:** Store in cool ventilated place away from fire hazards, excessive heat, flammable or easily oxidizable materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Not normally required.

**RESPIRATORY PROTECTION:** Not normally required.

**PERSONAL PROTECTIVE EQUIPMENT:** Chemical goggles or shielded safety glasses and rubber or neoprene gloves

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Clear liquid

**SOLUBILITY:** Soluble

**SPECIFIC GRAVITY (Water = 1):** 1.037

**BOILING POINT:** Not applicable

**VAPOR PRESSURE:** Not applicable

**EVAPORATION RATE:** Not applicable

**PERCENT VOLATILE (by volume):** Not applicable

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable for at least 2 years under normal conditions.

**INCOMPATIBILITY:** Strong acids, strong oxidizing agents, aluminum, amines, caustics, inorganic acids and bases

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute Oral LD<sub>50</sub>(rat):** not established

**Acute Dermal LD<sub>50</sub>(rabbit):** not established

**Eye Irritation (rabbit):** not established

**Skin Irritation (rabbit):** not established

**Inhalation LC<sub>50</sub>(rat):** not established

**Skin Sensitization (guinea pig):** not established

**Carcinogenic Potential:** None listed in OSHA, NTP, IARC, or ACGIH

## 12. ECOLOGICAL INFORMATION

**Ecotoxicology:** Not determined

**Biodegradation:** Oxidation and microorganisms.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Contaminated absorbents and surplus product should be buried in accordance with any local legislation.

**Container disposal:** Wash thoroughly with water and soap prior to reuse.

**14. TRANSPORT INFORMATION**

**DOT Shipping Description:** NOT REGULATED BY USDOT.  
**U.S. Surface Freight Classification:** NMFC 48580 SUB 3 CLEANING COMPOUND, NOI, LIQUID

**15. REGULATORY INFORMATION**

<b>NFPA &amp; HMIS Hazard Ratings:</b>	<b>NFPA</b>		<b>HMIS</b>
	1 Health	0 Least	1 Health
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	H PPE
	4 Severe		

**SARA Hazard Notification/Reporting:** This product does not contain material regulated under SARA Title III Section 313

**Reportable Quantity (RQ) under U.S. CERCLA:** Not listed

**SARA, Title III, Section 313:** Not listed

**16. OTHER**

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