

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FORMULATED For:

Hydrasmart
P.O Box 12706
ROANOKE, VA 24027

PRODUCT NAME: Hydra-Knight
CHEMICAL FAMILY: Non-ionic surfactants

Date of Issue: 2/15/23

2. HAZARDS IDENTIFICATION SUMMARY

Physical Hazards:	Not classified	
Health Hazards:	Skin corrosion / irritation	Category 2
	Eye damage / eye irritation	Category 2
Environmental Hazards:	Hazardous to the aquatic environment	Category 3
OSHA Defined Hazards:	Combustible dust	Not applicable
	Pyrophoric gas	Not applicable
	Simply asphyxiant	Not applicable
Label Elements:		
Signal Word:	Warning	
Hazard Statement:	Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.	

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percent</u>	<u>CAS No.</u>
Ethylene Oxide / Propylene Oxide Co-Polymer Blend	97.5%	9003-11-6
Inert Ingredients	2.5%	Mixture

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: Light Amber

SOLUBILITY: Soluble

SPECIFIC GRAVITY (Water = 1): 1.036

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 LD₅₀(rat): not established

Acute Dermal LD₅₀(rabbit): not established

Eye Irritation (rabbit): not established

Inhalation LC₅₀(rat): not established

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

Skin Irritation (rabbit): not established

Skin Sensitization (guinea pig): not established

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

NFPA & HMIS Hazard Ratings:	NFPA		HMIS
	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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