

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### FORMULATED FOR:

Hydrasmart  
P.O Box 12706  
ROANOKE, VA 24027

PRODUCT NAME: Hydra Foam

Date of Issue: 5/15/23

## 2. HAZARDS IDENTIFICATION SUMMARY

### 2.1 Classification of the substance or mixture according to 29 CFR 1910.1200

Flammable liquids	Category 3	H226
Eye irritation:	Category 2A	H319

### 2.2 Label Elements

Signal Word: **WARNING**

Hazard Statements:

H227 - Combustible liquid  
H317 - May cause an allergic skin reaction  
H320 - Causes eye irritation  
H315 - Causes skin irritation



Precautionary Statements: **PREVENTION**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 Keep container tightly closed.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.

Precautionary Statements: **RESPONSE**

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

Precautionary Statements: **STORAGE**

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements: **DISPOSAL**

P501 Dispose of contents/ container to an approved waste disposal plant.

### 2.3 Other Hazards

None known

KEEP OUT OF REACH OF CHILDREN

Appearance and odor: Clear liquid. Alcohol odor.

DANGER

### Potential Health Effects

Routes of Exposure: Eye contact, skin contact, inhalation. Avoid breathing spray mist.

Eyes:	Causes serious eye damage
Inhalation:	May be harmful if inhaled
Ingestion:	May be harmful if swallowed
Target Organs:	Skin, eyes, respiratory tract

Potential Environmental Effects: This product is not classified as environmentally hazardous. However, in the event of frequent or large spillages, it may have a harmful effect on the environment.

### 3. COMPOSITION & INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage of Weight:</u>	<u>CAS No.</u>
Water and Proprietary Ingredients	Balance	Mixture
Ethyl Alcohol	5-10%	64-17-5
2-Butoxyethanol	5-10%	111-76-2

### 4. FIRST AID MEASURES

#### 4.1 Description of First Aid

- If in eyes:** Flush with clean running water for at least 15 minutes. If irritation persists, get medical attention. If wearing contact lenses, remove after 5 minutes of flushing and then continue to flush with clean water. Call poison control center or doctor for treatment and advice.
- If swallowed:** If conscious, drink 1 or 2 glasses of water and get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Call poison control center or doctor for treatment and advice.
- If inhaled:** Remove to fresh air. If irritation persists, get medical attention. If person is not breathing call 911 and give artificial respiration. Call poison control center or doctor for treatment and advice.

#### 4.2 Most Important Symptoms, Effects, Acute and Delayed

- Symptoms:** Inhalation: May cause respiratory irritation.  
Eyes: Causes severe eye damage.

#### 4.3 Immediate Medical Attention and Special Treatment

- Treatment:** Treat Symptomatically.  
For emergency, medical attention dial 911. Take container and label when seeking medical attention.
- Physician Note:** Treatment of the exposure should be directed at the control of the symptoms and the clinical condition of the patient.

### 5. FIRE FIGHTING MEASURES

- FLASH POINT (°F/Test Method):** Not established
- FLAMMABLE LIMITS (LFL & UFL):** Not established
- EXTINGUISHING MEDIA:** Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>)
- HAZARDOUS COMBUSTION PRODUCTS:** During a fire, hazardous by-products can be released.
- SPECIAL FIRE FIGHTING PROCEDURES:** Heating to dryness may cause the release of carbon dioxide gas.  
Cool containers with water spray. Self-contained breathing equipment and full protective gear should be worn whenever fighting large chemical fires. Isolate fire from all traffic other than firefighters.

### 6. ACCIDENTAL RELEASE MEASURES

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

Remove all sources of ignition. Ventilate area. Stop leak, contain spill, and absorb with soil or natural absorbents. Liquid is flammable. Ensure pumping equipment is 316 stainless steel. Sweep up waste and place in container for disposal. Keep spills and rinsate out of municipal sewers and open bodies of water. Uncontaminated spilled material may be reused.

### 7. HANDLING AND STORAGE

**HANDLING:** Avoid inhalation of mists, vapors/spray, and contact with eyes and clothing. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. Do not empty into drains. Handle and open container with care. Wash before eating, drinking, or smoking.

**STORAGE:** Store in the original labeled container in a cool place away from direct sunlight. Keep separate from food and feed products and out of reach of children and animals. Avoid storage at temperatures of 110°F or higher. Corrosive to steel, aluminum, brass. Use with 316 stainless steel or PVC fittings.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

US Workplace Exposure Level TLV's: No data available

US Workplace Exposure Level PEL's: No data available

Biological Limit Values: No listings

### Exposure Controls:

Provide local and general exhaust ventilation. Follow Occupational Exposure Limits and minimize the risk of inhalation of vapors and spray mists. Provide eyewash and safety shower.

### Individual Protection Measures

Eye / Face Protection: Goggles or shielded safety glasses recommended.

Skin Protection: Coveralls worn over long pants and long-sleeved shirts. Chemical resistant gloves. Chemical resistant footwear plus socks.

**Respiratory Protection:** In case of inadequate ventilation of mists or vapors, use suitable respiratory equipment such as MSHA/NISHO TC-21C or NIOSH approved respirator with N, R, P or HE filter. Wear respiratory protection during operations where spraying or misting occurs. IF respirators are used, a program should be in place to assure compliance with 29 CFR 1910.134, the OSHA Respiratory Protection standard. Wear air supplied respiratory protection if exposure concentrations are unknown.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Clear liquid with an alcohol odor

**SOLUBILITY:** Soluble

**pH:** 8-9

**BULK DENSITY:** 8.34 lbs./gal

**SPECIFIC GRAVITY (Water = 1):** 0.99

**BOILING POINT:** Not established

**VAPOR PRESSURE:** Not established

**EVAPORATION RATE:** Not established

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

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:** Avoid contact with strong oxidizing agents, organic peroxides, flammable solids, pyrophoric liquids, pyrophoric solids, self-heating substances and mixtures, substances, and mixtures which in contact with water emit flammable gases, explosives, and gases. Avoid storage, piping, or handling systems made of copper, zinc, or their alloys. Corrosive to 304 stainless steel. Slightly corrosive to 316 stainless steel.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heating to dryness may cause the release of carbon dioxide gas.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure:

**Eye contact:** Skin contact.

**LC<sub>50</sub> (rat):** No data available.

**LD<sub>50</sub> Oral (rat):** No data available

**LD<sub>50</sub> Dermal (rat):** No data available

**Acute Toxicity Estimates:** No data available

**Skin Irritation (rabbit):** No data available

**Eye Irritation (rabbit):** Corrosive

**Specific Target Organ Toxicity:** Single exposure. No data available.

**Aspiration:** No data available.

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

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

**12. ECOLOGICAL INFORMATION**

**Ecotoxicology:** Avoid spills or releases to watercourses. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. This product is not for use in aquatic settings.

**Ecotoxicological Data:** No Data Available.

**13. DISPOSAL CONSIDERATIONS**

Do not reuse containers. Rinse container thoroughly, adding rinsate to tank mix. Offer for recycling at an ACRC site or dispose of in a sanitary landfill. Avoid contaminating water by disposal of equipment wash waters or other product wastes.

**14. TRANSPORT INFORMATION**

**US DOT:** Not regulated by USDOT.  
**IATA:** Not regulated  
**IMO/IMDG:** Not regulated  
**Marine Pollutant:** No

**15. REGULATORY INFORMATION**

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

**SARA Hazard Notification/Reporting**

**SARA Title III Hazard Category:** Immediate Y Fire Y Sudden Release of Pressure N  
Delayed N Reactive N

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

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

**RCRA Waste Code:** Not listed

**CA Proposition 65: WARNING:** This product contains chemicals known to State of California to cause cancer or birth defects or other reproductive harm.

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**16. OTHER**

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