



# SAFETY DATA SHEET

# Blood & Protein Spotter

## 1. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM) Blood / Protein Stain Remover		C.A.S. NO. N/A	
CHEMICAL NAME/DISCRPTION Laundry Spotter and Stain Emulsifier			
Emergency telephone number: ChemTel: 1-800-255-3924		Contract Number MIS0003698	
ADDRESS (No., STREET, CITY, STATE, AND ZIP CODE) Royal Custom Products 4844 Almond Dr. Dallas, TX 75247			
CONTACT Bob Vint	PHONE NUMBER 214-630-4386	ISSUED DATE 5/27/2015	REVISED DATE 5/27/2015

## 2. GHS Classification

Signal Word: **DANGER**

**H315 Irritant**



**Skin: Category 3 Eyes: Category 3**



### HAZARD IDENTIFICATION

HAZARD DATA RATING: 1 – Health, 3 – Fire, 0 – Reactivity  
0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Sever

#### GHS Hazard Statements

May be harmful if swallowed  
May be harmful in contact with skin.  
Causes skin irritation.  
Causes serious eye damage.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause damage to organs.  
Toxic to aquatic life.

#### GHS Precautionary Statements

Keep out of the reach of children  
Keep container tightly closed  
Avoid breathing dust/fumes/gas/mist/vapors/spray.  
Avoid release to the environment.  
IF SWALLOWED: Call a Poison Center/ doctor if you feel unwell.  
IF ON SKIN: Wash with plenty of water.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Store in a closed container.  
Store in a well ventilated place. Keep cool.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT/C.A.S. WT. %

CHEMICAL NAME	CAS #	CONCENTRATION (%)
2-Propanol	CAS# 67-63-0	2.5-4.5
Alkylphenol Ethoxylate	CAS# 9016-45-9	2.5-4.5
Ethylene Glycol Monobutyl Ether	CAS# 111-76-2	2.5-4.5
Sodium Hydroxide	CAS# 1310—73-2	1.5-3.5
Ammonium Hydroxide	CAS# 1136-21-6	2.5-3.5

### 4. FIRST AID MEASURES

**Eyes:** Hold the eyelids apart and flush the eye gently with large amounts of water for at least 15 minutes.

**Skin:** Flush skin with cool water. Wash the exposed area with plenty of soap and water.

**Inhalation:** Remove individual to fresh air and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

**Ingestion:** Have person drink a glass of water immediately if able to swallow. Get medical attention immediately. Do Not INDUCE VOMITING unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

### EFFECTS OF OVEREXPOSURE

**Acute:** Skin: Prolonged contact may defat skin leading to irritation and dermatitis. Eyes: Causes irritation, loss on natural lubrication.

**Chronic:** Skin: repeated or prolonged skin contact would be expected to cause drying, cracking and inflammation of the skin. (dermatitis)

### 5. FIRE-FIGHTING MEASURES

**SPECIAL FIRE HAZARDS:** Use extinguishing media suitable for the surrounding fire.

**FIRE FIGHTING METHODS:** Use CO2 Foam or Dry Chemical

**FLASH POINT:** UNK.

**FLAMMABLE LIMITS – LOWER:** UNK      **UPPER:** UNK

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

#### Environmental precautions

Do not allow contact with soil, surface or ground water.

#### Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

## 7. Handling and Storage

### NORMAL HANDLING

Use smallest amounts possible in designated areas with adequate ventilation. Keep containers closed when not in use. Empty containers may contain hazardous residue. Avoid generating mists. Transfer solutions using equipment which is corrosion resistant. Cautiously transfer into sturdy containers made of compatible materials. Never return contaminated material to its original container. Never add water to solution, always add solution to water and provide agitation.

### STORAGE

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Protect from damage. Store away from incompatible materials. Avoid freezing.

## 8. Exposure Control/Personal Protective Equipment

**RESPIRATORY PROTECTION:** n/a

**EYES AND FACE:** Splashproof glasses recommended

**HANDS, ARMS AND BODY:** Rubber gloves recommended

**OTHER CLOTHING AND EQUIPMENT:** n/a

## 9. Physical Properties

MATERIAL IS (AT NORMAL CONDITIONS): Liquid		APPEARANCE AND ODOR Clear liquid with Slight Ammoniated odor	
BOILING POINT 180 degrees	MELTING POINT NA	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) .885	VAPOR DENSITY (AIR = 1) 0.012
SOLUBILITY IN WATER (% by Weight) 100%		pH 1% = 9.5 to 10.5	VAPOR PRESSURE (mm Hg at 20°C) N/A
EVAPORATION RATE <input type="checkbox"/> (Butyl Acetate = 1) <input type="checkbox"/> (Ether = 1) <1 (Ether = 1)		% VOLATILES BY VOLUME (At 20°C) 0	

## 10. Stability & Reactivity

**STABILITY:** Stable      **INCOMPATIBILITY:** None      **HAZARDOUS DECOMPOSITION PRODUCTS:** None

**HAZARDOUS POLYMERIZATION:** None      **CONDITIONS TO AVOID:** None Known

## 11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Eye contact, Skin contact

### Potential Health Effects

Eyes: Causes irritation, loss of natural lubrication. Skin: Causes skin irritation. Ingestion: May be harmful if swallowed. Inhalation: Under normal conditions, vapor level will be too low to present inhalation hazard.

### Experience with human exposure

Eyes: Flush eyes immediately with plenty of cool running water. Remove contact lenses. Continue flushing for 15 minutes holding eye lids open.

Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.

If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

If Inhaled: Move immediately to fresh air; If breathing is difficult, administer oxygen.

**12. Ecological and Aquatic Toxicity**

**BIODEGRADABILITY/AQUATIC TOXICITY:** No know Aquatic Toxicity or Ecotoxicological effects.

**OCTANOL/WATER PARTITION COEFFICIENT:** n/a

**EPA HAZARDOUS SUBSTANCE?** No      **IF SO, REPORTABLE QUANTITY:**      **40 CFR 116-117**

**13. Disposal**

**WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS.**

Dispose of waste material at an approved waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of with normal garbage or to sewer systems.

**14. Transportation**

D.O.T. CLASSIFICATION: Not Regulated by D.O.T.

**15. Regulatory**

**EPCRA- Emergency Planing and Community Right-to-Know**

**CERCLA Reportable Quantity:** This material does mnot contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity:** This material does not contain ay components with a section 304 EHS RQ.

**SECTION 313 (Specific toxic chemical listings):** None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):** All chemical substances in this products are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**16. Other**

	NFPA	HMIS
HEALTH	3	3
FLAMMABILITY	0	0
REACTIVITY	0	0
SPECIAL HAZARDS		
PROTECTIVE EQUIPMENT		

THE DATA PRESENTED HEREIN ARE BELIEVED TO BE ACCURATE BUT ARE IN NO WAY GUARANTEED. Royal Custom Products. ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE FOR THE PRODUCTS DISCUSSED AND IT MAKES NO WARRANTY, EXPRESS OR IMPLIED, IN THAT RESPECT, NOR CAN IT BE ASSUMED THAT ALL SAFETY MEASURES ARE INDICATED HEREIN OR THAT OTHER OR ADDITIONAL MEASURES MAY BE REQUIRED. THE USER, THEREFORE, MUST ASSUME FULL RESPONSIBILITY, BOTH AS TO PERSONS AND AS TO PROPERTY, FOR THE USE OF THESE MATERIALS INCLUDING ANY USE WHICH MIGHT BE COVERED BY PATENT.

**ROYAL CUSTOM PRODUCT CODE(S):**      RP-2018