

# HERRERO & SONS CORP.

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## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

PRODUCT NAME: Purple **Blaster Multi-Purpose Foaming Cleaner**

PRODUCT NUMBER: **29.248**

Medical Emergency: 1-800-633-9576(8AM-5PM central time)

CAS NUMBER: Mixture See Section 3.

INFOTRAC: 1-800-535-5053

PRODUCT FAMILY: Aerosol

HMIS: Health 1 Reactivity 0 Flammability 2

NFPA RATING AS AN AEROSOL: Level 1

### SECTION 2: HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

**DANGER: EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER MAY BURST IF HEATED.**

#### EFFECTS OF OVEREXPOSURE

**EYE CONTACT:** Direct contact with the liquid or mists or overexposures to the vapor may be irritating causing tearing, stinging, redness and swelling.

**SKIN CONTACT:** Repeated or prolonged contact may cause mild skin irritation resulting in redness, burning, drying and cracking of the skin. Persons with pre-existing skin disorders may be more susceptible the effects of this material.

**SKIN ABSORPTION:** Not likely when used as directed.

**INGESTION:** Not likely as an aerosol, but ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression such as headache, drowsiness, dizziness, loss of coordination and fatigue.

**INHALATION:** Prolonged, repeated, or intentional abuse may be harmful or fatal. Effects of overexposure may include irritation of the nose and throat and signs of nervous system depression: headache, drowsiness, dizziness, loss of coordination and fatigue. Overexposure may cause respiratory symptoms associated with pre-existing lung disorders; asthma-like conditions, to be aggravated.

**SYSTEMIC AND OTHER EFFECTS:** None known

**PRIMARY ROUTES OF ENTRY:** Skin or eye contact

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing eye, skin.

OSHA Health Hazard Classification		OSHA Physical Hazard Classification		
Irritant NO	Toxic NO	Combustible NO	Explosive NO	Pyrophoric NO
Sensitizer NO	Highly toxic NO	Flammable NO	Oxidizer NO	Water-Reactive NO
Corrosive NO	Carcinogenic NO	Compressed Gas NO	Organic Peroxide NO	Unstable NO

### SECTION 3: COMPOSITION

HAZARDOUS COMPONENTS	%	CAS NO
Propane	1-5	74-98-6
Butane	1-5	106-97-8
Sodium Dodecyl Benzene Sulfonate	<1	25155-30-0
2-Butoxy Ethanol	<2	111-76-2
Water	>90	7732-18-5

ABBREVIATIONS: NE: None established NA: Not applicable

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## **SECTION 4: FIRST AID MEASURES**

Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid. For more specific information, refer to Exposure Controls and Personal Protection in Section 8 of this MSDS.

**IF SWALLOWED:** Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If spontaneous vomiting is about to occur, place victims head between their knees to prevent aspiration. Call a physician or transport to an emergency facility immediately.

**IF IN EYES:** Rinse cautiously with water for several minutes. Lift upper and lower eyelids to ensure proper rinsing. Get medical attention if irritation persists.

**IF ON SKIN:** Wash skin with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, get medical attention.

**IF INHALED:** Increase fresh air circulation or leave area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

## **SECTION 5: FIRE FIGHTING MEASURES**

**NFPA Flammability Classification:** LEVEL ONE Aerosol

**FLASH POINT:** Not Determined      **FLAMMABLE LIMITS:**UEL10.6%    LEL 1.1 %

**EXTINGUISHING MEDIUM:** AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills water spray can be used to disperse any flammable vapors that may become concentrated or form in poorly ventilated areas and to protect personnel attempting to stop the leak.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Firefighters should wear SCBA's in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Take proper precautions to ensure your own health and safety before attempting spill control or clean-up.

Ventilate area-especially low places where heavy vapors might collect. Extinguish all ignition sources. For small spills/leaks mop, wipe, or soak up on an inorganic material immediately. Remove to vent hood or outside. For large spills/leaks evacuate area, contain spill (dike area), and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

## **SECTION 7: HANDLING AND STORAGE**

Store in tightly sealed containers. Keep away from heat, sparks & open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using.

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## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Control airborne concentrations below the exposure limits see below. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

**PERSONAL PROTECTIVE EQUIPEMNT:** Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations. Minimum requirements are: SAFETY GLASSES and GLOVES.

**RESPIRATORY PROTECTION (SPECIFY TYPE):** If workplace exposure limit(s) of product or any component is exceeded (see Section two), a NIOSH approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

**HAND PROTECTION:** For brief contact, no precautions should be needed. When prolonged or frequently repeated contact could occur, use protective gloves such as; polyvinyl alcohol or polyethylene.

**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; OSHA regulations also permit other type of safety glasses (consult your safety equipment supplier)

**BODY PROTECTION:** To prevent repeated or prolonged skin contact, use protective clothing impervious to this product. Selection of specific items such as gloves, boots, apron, or full body suit will depend on operation.

### OCCUPATIONAL EXPOSURE GUIDELINES:

Substance	Applicable Workplace Exposure Levels			
	OSHA PEL	ACGIH		
<b>HAZARDOUS COMPONENTS</b>	<b>EXPOSURE LIMITS</b>	<b>OSHA</b>	<b>ACGIH</b>	<b>OTHER</b>
Propane		1000ppm	NE	N/A
Butane		NE	NE	N/A
Sodium Dodecyl Benzene Sulfonate		NE	NE	NE
2-Butoxy Ethanol		25ppm	25ppm	25ppm*
Water		NE	NE	NE

### ABBREVIATIONS:

NE: None established NA: Not applicable +: ACGIH \*: CAL OSHA N/D: Not determined "STEL": Short term exposure limit

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid  
**SPECIFIC GRAVITY:** (H<sub>2</sub>O=1): 0.95-0.96  
**BOILING POINT RANGE:** N/D  
**VAPOR PRESSURE** (mmHg or psig @70°F): 35-50 psig  
**SOLUBILITY IN WATER % BY WT.:** ~97%  
**VOLATILE ORGANIC COMPOUNDS (VOCs) Content:** ~6%

**COLOR:** COLORLESS  
**pH:** N/A  
**MELTING POINT /FREEZING POINT:** N/D

**ODOR:** LEMON  
**VAPOR DENSITY (Air =1):** GREATER THAN  
**VISCOSITY (cps @ 70°F)** N/D

## **SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable, avoid open flames and high temperatures (above 120°F) and direct sunlight.  
**INCOMPATIBILITY:** Strong oxidizers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may yield carbon monoxide and/or carbon dioxide.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

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## SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological studies have been conducted on this product.

## SECTION 12: ECOLOGICAL INFORMATION

No ecological studies have been conducted on this product.

**ECOTOXICITY:** If spilled this any water or soil contaminated may be hazardous to human, animal and aquatic life.

**ENVIRONMENTAL FATE:** The chemicals in this product are potentially toxic to freshwater and salt water ecosystems. They will normally float on water with their lighter components evaporating rapidly. In stagnant or slow-flowing waterways, a hydrocarbon layer can cover a large surface area. As a result this layer might limit or eliminate natural atmospheric oxygen transport into the water. Which with time could lead to a fish kill or an anaerobic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use. It is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition.

When disposing of unused contents, the preferred options are to send to licensed reclaimers or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

EPA Hazardous Waste Number (RCRA): D001 (Ignitable)

## SECTION 14: TRANSPORT INFORMATION

**DOT STATUS:** This material is regulated by the U.S. Department of Transportation (DOT).

**PROPER SHIPPING NAME:** (to ship on the ocean):

UN1950, AEROSOLS, FLAMMABLE (each not exceeding 1L capacity), 2.1, LTD. QTY

**HAZARD CLASS:** 2.1

**PACKING GROUPS:** None for aerosols

**PLACARDS:** None Required

**EMERGENCY RESPONSE GUIDE NO:** 126

## SECTION 15: REGULATORY INFORMATION

### 311/312 HAZARD CATEGORIES:

Fire Hazard: YES Pressure Hazard: YES Reactivity Hazard: NO Immediate Hazard: NO Delayed Hazard: NO  
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
None Listed		

**FEDERAL EPA:** Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #S
Sodium Dodecyl Benzene Sulfonate	25155-30-0	<1 % MAXIMUM	1000

**CALIFORNIA PROPOSITION 65** None listed

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**SECTION 15: REGULATORY INFORMATION(continued)**

**MASSACHUSETTS RIGHT TO KNOW: Yes**

Sodium Dodecyl Benzene Sulfonate	25155-30-0	<1 %
2-Butoxy Ethanol	111-76-2	<2 %
Butane	106-97-8	1-5 %
Propane	74-98-6	1-5 %

**PENNSYLVANIA RIGHT TO KNOW: Yes**

Sodium Dodecyl Benzene Sulfonate	25155-30-0	<1 %
2-Butoxy Ethanol	111-76-2	<2 %
Butane	106-97-8	1-5 %
Propane	74-98-6	1-5 %

**NEW JERSEY RIGHT TO KNOW: Yes**

Sodium Dodecyl Benzene Sulfonate	25155-30-0	<1 %
2-Butoxy Ethanol	111-76-2	<2 %
Butane	106-97-8	1-5 %
Propane	74-98-6	1-5 %

**TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed**  
**CALIFORNIA VOC'S: 6%**

**NFPA RATING AS AN AEROSOL: LEVEL ONE**

**HMIS: HEALTH 1 REACTIVITY 0 FLAMMABILITY 2**

**CARCINOGENICITY CHEMICAL IARC NTP OSHA**  
**NONE LISTED**

**SECTION 16: OTHER INFORMATION**

**REVISION INFORMATION**

**VERSION NUMBER: 1.0001**

**REVISION DATE: 3/14/2014**

**PRINT DATE:**

**ABBREVIATIONS:**

**N/A: Not Applicable N/D: Not Determined NE: Not Established**

**IARC: International Agency for Research on Cancer**

**ACGIH: American Conference of Governmental Industrial Hygienists OSHA: Occupational Safety and Health Administration**

**HMIS: Hazardous Materials Information System NFPA: National Fire Protection Association EPA: US Environmental Protection Agency**

**NIOSH: National Institute of Occupational Safety and Health**

**DISCLAIMER OF LIABILITY:**

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