

Heavy Artillery

SDS Number: S738

Revision Date: February 13, 2017

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Heavy Artillery
Revision Date: February 13, 2017
Version: 46-63A
SDS Number: S738

Manufacturer: Canadian Contact:

Legend Brands
325 S. Price RD.
Chandler, AZ 85224
Phone: 480-899-7000
Fax: 480-786-9538
Email: info@prochem.com
www.prochem.com

Legend Brands
4520 Eastgate Parkway
Mississauga, ON L4W 3W6
Phone: 800-932-3030

Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Dermal
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H313 - May be harmful in contact with skin
H319 - Causes serious eye irritation

GHS Precautionary Statements:

P264 - Wash _ thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+313 - Get medical advice/attention.

Route of Entry: Eyes; Skin; Inhalation;

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation is expected when product is used according to label instructions.

Skin Contact: Can cause irritation and dermatitis.

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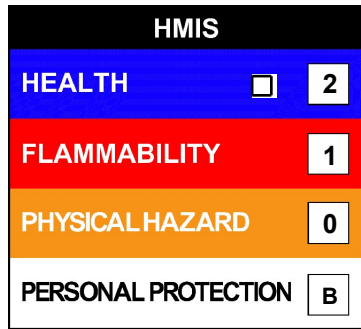
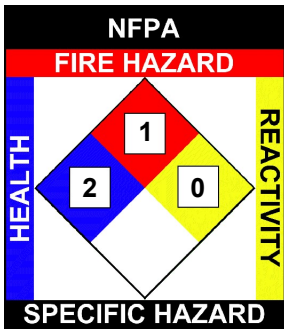
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Eye Contact: Can cause irritation, redness and burns.
Ingestion: Ingestion is not applicable route of entry for intended use.

NFPA: Health = 2, Fire = 1, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 2, Fire = 1, Physical Hazard = 0
HMIS PPE: B - Safety Glasses, Gloves



3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
1310-58-3	2%	Potassium hydroxide, solution
112-34-5	2%	Diethylene glycol butyl ether

OSHA Regulatory Status:

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: >212°F
Flash Point Method: Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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7	HANDLING AND STORAGE
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Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.

Storage Requirements: Keep away from children. Store in cool/dry area; Keep container closed.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Normal room ventilation is satisfactory for limited use.

Personal Protective Equipment: HMIS PP, B | Safety glasses, Gloves

No OSHA PEL established for listed chemicals

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Clear colorless	Odor:	Light citrus
Physical State:	Liquid	Solubility:	Soluble
Spec Grav./Density:	8.92 lb/gal		
pH:	13.1 as is		

10	STABILITY AND REACTIVITY
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Chemical Stability: Product is stable under normal conditions.

Conditions to Avoid: None known

Materials to Avoid: None known

Hazardous Decomposition: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Hazardous Polymerization: Will not occur.

11	TOXICOLOGICAL INFORMATION
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Toxicity Data:

Potassium hydroxide 1310-58-3

Oral (LD 50): 273 mg/kg - Rat

Inhalation (LC): Not listed on RTECS

Skin irritation: Severe - Human

Eye irritation: Severe - Rabbit

Sensitization: Not considered an occupational sensitizer

Diethylene glycol butyl ether 112-34-5

Oral (LD 50): 5660 mg/kg - Rat

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Moderate

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

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12 ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

13 DISPOSAL CONSIDERATIONS

Recommendation: Consult with the disposal agency and the relevant authorities. Empty containers may be cleaned with water.

14 TRANSPORT INFORMATION

Ship in accordance with 49 CFR parts 100-185.

4X1 gallons - Limited Quantity

5/55 gallon pail/drum: UN1760 Corrosive Liquids, n.o.s., (Potassium hydroxide), 8, III

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

RQ(1000LBS), Potassium hydroxide, solution (1310-58-3) [2%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

Diethylene glycol butyl ether (112-34-5) [2%] TSCA, WHMIS

Regulatory CODE Descriptions

CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS = workplace Haz Mat Info Sys Canada

16 OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.