

Safety Data Sheet

PROCHEM

1. Identification

Product Information: S738

Product Name: Heavy Artillery

Recommended Use: Professional Carpet Cleaning

Restrictions on Use: Professional Use Only

Supplied by: Legend Brands
Prochem
15180 Josh Wilson Road
Burlington, WA 98233
E-Mail: sds@legendbrands.com
800-932-3030

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

Emergency Telephone: INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200

Eye Irrit. 2, Skin Irrit. 2

Symbol(s) of Product



Signal Word

Warning

Possible Hazards

< 1% of the mixture consists of ingredient(s) of unknown toxicity

GHS HAZARD STATEMENTS

Causes serious eye irritation.

Causes skin irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

Wash face or hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with plenty of water

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.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Ethoxylated alcohols, C9-C11	68439-46-3	1.0-2.5
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	1.0-2.5
POTASSIUM HYDROXIDE	1310-58-3	1.0-2.5
Alkyl (C10-16)benzenesulfonic acid	68584-22-5	0.1-1.0

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid Measures

GENERAL ADVICE: Call a physician if irritation develops or persists.

FIRST AID - INHALATION: Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is required.

FIRST AID - SKIN CONTACT: If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

FIRST AID - EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

FIRST AID - INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

SYMPTOMS: See Section 2.2, Label Elements and/or Section 11, Toxicological effects

NOTES TO PHYSICIAN: Treat symptomatically.

5. Fire-fighting Measures

EXTINGUISHING MEDIA

EXTINGUISHING MEDIA: Water spray, Dry powder, Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO₂)

UNSUITABLE EXTINGUISHING MEDIA: High volume water jet

UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazardous decomposition products formed under fire conditions.

ADVICE FOR FIREFIGHTERS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

ADVICE FOR EMERGENCY RESPONDERS: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist. Use personal protection recommended in Section 8.

ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment. Remove all sources of ignition.

7. Handling and Storage

HANDLING: Handle in accordance with good industrial hygiene and safety practice

STORAGE: Keep containers tightly closed in a cool, well-ventilated place. Store in original container

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Ethoxylated alcohols, C9-C11	N.E.	N.E.	N.E.	N.E.
2-(2-BUTOXYETHOXY)ETHANOL	10 ppm	N.E.	N.E.	N.E.
POTASSIUM HYDROXIDE	N.E.	N.E.	N.E.	N.E.
Alkyl (C10-16)benzenesulfonic acid	N.E.	N.E.	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection

RESPIRATORY PROTECTION: In case of insufficient ventilation wear suitable respiratory equipment.

SKIN PROTECTION: Wear suitable protective clothing.

EYE PROTECTION: Safety glasses with side-shields

OTHER PROTECTIVE EQUIPMENT: No Information

HYGIENIC PRACTICES: See section 7 for more information

9. Physical and Chemical Properties

Physical State:	Liquid	Color:	Colorless
Appearance:	Clear	Odor Threshold:	No Information
Odor:	Citrus	pH:	13.1
Specific Gravity:	1.070	Viscosity:	No Information
Freeze Point, °C:	No Information	Partition Coefficient:	No Information
Solubility in Water:	Soluble	Explosive Limits, %:	No Information
Decomposition temperature, °C	No Information	Flash Point, °C:	>94
Boiling Point, °C:	No Information	Auto-Ignition Temperature, °C	No Information
Combustibility:	Does not Support Combustion	Vapor Pressure, mmHg:	No Information
Evaporation Rate:	No Information Available		
Vapor Density:	No Information		

Volatile Organic Compounds (VOC): 0.10% at 16 oz./gallon

10. Stability and Reactivity

REACTIVITY: Stable under normal conditions.

STABILITY: Stable under recommended storage conditions

CONDITIONS TO AVOID: Direct sources of heat.

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke

11. Toxicological Information

EFFECT OF OVEREXPOSURE - INHALATION: No Information
 EFFECT OF OVEREXPOSURE - SKIN CONTACT: SKIN IRRITANT
 EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information
 EFFECT OF OVEREXPOSURE - INGESTION: No Information
 CARCINOGENICITY: No Information
 PRIMARY ROUTE(S) OF ENTRY: No Information

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	5660 mg/kg Rat	2700 mg/kg Rabbit	N.I.
1310-58-3	POTASSIUM HYDROXIDE	284 mg/kg Rat	>2000 mg/kg	N.I.
68584-22-5	Alkyl (C10-16)benzenesulfonic acid	530 mg/kg Rat	530 mg/kg Rat	N.I.

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: Discharge into the environment must be avoided.

13. Disposal Information

DISPOSAL METHOD: Disposal should be in accordance with applicable regional, national and local laws and regulations.
 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use personal protective equipment as required

14. Transport Information

DOT

Shipping Name: Limited Quantity in Gallons Only
 CORROSIVE LIQUID, N.O.S.. (Potassium hydroxide)
 Hazard Class: 8
 UN/NA Number: 1760
 Packing Group: II

IMDG

Proper Shipping Name: Limited Quantity in Gallons Only
 CORROSIVE LIQUID, N.O.S.. (Potassium hydroxide)
 Hazard Class: 8
 UN Number: 1760
 Packing Group: II

IATA

Air transport is not recommended.

15. Regulatory Information

International Inventories:

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AICS	-
NZIoC	-

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemical Substances

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
Isopropyl alcohol	67-63-0	<0.1
Sulphuric acid	7664-93-9	<0.1

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS

No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

No Proposition 65 Reproductive Toxins exist in this product.

16. Other Information

Revision Date: 5/22/2018 **Supersedes Date:** New SDS
Reason for revision: Periodic review
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2	Flammability:	1	Reactivity:	0	Personal Protection:	B
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NFPA Ratings:

Health:	2	Flammability:	1	Instability:	0	Physical Hazard:	-
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.