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SAFETY DATA SHEET

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: AUTO BRITE

Product Description: CAR WASH SHAMPOO

Other Means of Identification

Product # 019, 019A, 020, 020A
Synonyms None

Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.
5731 Manchester Avenue
St. Louis, MO 63110
www.chemcoindustries.com
314-647-1888
1-800-854-4236 (to Reorder)

Emergency Telephone Number

Emergency Telephone INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

Appearance: Clear, blue, syrupy liquid

Physical State: Liquid

Odor: Sweet

Classification:

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Alcohol Ethoxylate	68439-46-3	0-5

If Chemical Name/CAS No. is "proprietary" and/or Weight % is listed as a range, the specific chemical identity and /or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

Eye Contact: Immediately flush with plenty of water for at least 15 minutes while holding eyelids open. Call a physician or Poison Control Center.

Skin Contact: Wash with soap and plenty of water for at least 5 minutes. If irritation persists, call a physician or poison control center.

Inhalation: Remove to fresh air. If irritation persists, call a physician or poison control center.

Ingestion: Do not induce vomiting. If conscious give 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Most important symptoms and effects

Symptoms: May cause eye irritation. Prolonged or repeated exposure may cause skin irritation. Mists from this product may irritate nasal passages. May cause nausea, upset stomach and vomiting.

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, water mist or fog.

Unsuitable Extinguishing Media: Not determined

Specific Hazards Arising from the Chemical

Not determined.

Hazardous Combustion Products: When strongly heated, as in fire: this product may produce nitrous oxides and ammoniacal vapors.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep containers cool and vapors down with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment as required.

Environmental Precautions: See Section 12 for additional Ecological Information.

Methods and material for containment and cleanup

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Small spills: Spills up to one gallon may be diluted with plenty of water and flushed to sewage drain. Rinse area thoroughly. Large spills: Mop up or otherwise absorb with an inert material and place in an appropriate waste disposal containers for disposal. Rinse area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling: Wear protective gloves/protective clothing and eye/face protection. After handling, always wash hands thoroughly with soap and water. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep this product in a properly labeled, tightly closed container. Avoid freezing due to container may split or rupture.

Incompatible Materials: Strong oxidizing agents such as bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Caustic Soda 1310-73-2	Ceiling: 2 mg/m ³	TWAL 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering Controls: Ventilation not required. Misting operations may require adequate ventilation. Readily accessible eyewash stations and safety showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection: Safety glasses with side shields or safety goggles are recommended.

Skin and Body Protection: Imperious gloves are recommended. Long sleeve shirt and long pants.

Respiratory Protection: Normally not required. If TLV is exceeded, use a NIOSH/MSHA approved respirator.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid
Appearance Clear, blue, syrupy liquid

Color Blue
Odor Sweet
Odor Threshold Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks - Method</u>
pH	6.0-8.0	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	100 C/ 212 F	
Flash Point	> 93 C/ 200 F	Pensky-Martens Closed Cup (PMCC)
Evaporation Rate	1	(Water=1)
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.05	(Water=1)
Water Solubility	Slightly soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	None	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reaction

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Keep out of reach of children

Incompatible Materials

Strong oxidizing agents such as bleach.

Hazardous Decomposition Products

When strongly heated, as in fire, this product may produce nitrous oxides and ammoniacal vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium xylene sulfonate 1300-72-7	=1000 mg/kg (Rat)	-	-
Alcohol Ethoxylate 68439-46-3	=1400 mg/kg (Rat) = 1378 mg/kg (Rat)	>2 g/kg (Rabbit)	-
Sodium Sulfate	> 10000 mg/kg (Rat)	-	-

7757-82-6			
Caustic Soda 1310-73-2	-	= 1350 mg/kg (Rabbit)	-

Information on physical, chemical and toxicological effects**Symptoms** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.**Numerical measures of toxicity**

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Not determined

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes** Disposal should be in accordance with applicable regional, national, and local laws and regulations.**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Caustic Soda 1310-73-2	Toxic Corrosive

14. TRANSPORT INFORMATION**DOT** Not regulated**IATA** Not regulated**IMDG** Not regulated**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Alcohol Ethoxylate	5000 lb	X				Present	X	Present	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-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 Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Caustic Soda 13-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Caustic Soda	1000 lb			X

US State Regulations**California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium Sulfate 7757-82-6		X	X
Caustic Soda 1310-73-2	X	X	X

16. OTHER INFORMATION

NFPA	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
HMIS	Health Hazards 1	Flammability 0	Physical Hazards 0	Personal Protection B

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.