

Safety Data Sheet

Issue Date: 20-Jan-2015

Revision Date: 03-Oct-2023

Item 967
Version: 2

1. IDENTIFICATION

Product Identifier:

Heavy Duty Butyl - Super Power Cleaner

Other means of identification:

18T-AYD-029

Product Code:

967

Recommended use of the chemical and restrictions on use:
Recommended Use: Cleaning Agent

Details of the supplier of the safety data sheet:

Distributor:
1st Ayl Corporation
1325 Gateway Drive
Elgin, IL 60123

Emergency telephone number:
Company Phone Number: (847) 622-0001
Emergency Telephone: 1-844-945-3129 or 1-352-326-7641

2. HAZARDS IDENTIFICATION

Appearance: Purple liquid

Physical state: Liquid

Odor: Characteristic

Classification:

Acute toxicity - Inhalation (Vapors)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Signal Word:
Danger

Hazard statements:

Harmful if inhaled
Causes skin irritation
Causes serious eye damage



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

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Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

IF ON SKIN: Wash with plenty of water and soap.

Take off contaminated clothing and wash before reuse.

If skin irritation occurs, get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a poison center or doctor/physician if you feel unwell.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Ethylene Glycol Monobutyl Ether	111-76-2	>15
Tetrapotassium pyrophosphate	7320-34-5	<5
Nonylphenol Ethoxylate	127087-87-0	<5
Sodium hydroxide	1310-73-2	<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**Description of first aid measures****Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, Get medical advice/attention.

Skin Contact

Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. Get medical attention if irritation occurs.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a poison center or doctor/physician if you feel unwell.

Ingestion

Do NOT induce vomiting. Give large quantities of water. If available, give several glasses of milk or acidic beverages (lemonade or orange juice, carbonated soft drinks). Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical attention immediately.

Most important symptoms and effects, both acute and delayed**Symptoms**

Causes skin irritation. Causes serious eye irritation. Inhalation of low concentrations may cause mild irritation to eyes, nose, and throat. High concentrations may result in headache, drowsiness, and central nervous system depression. Ingestion can cause narcosis, headache, nausea, and vomiting leading to severe illness, blindness, and perhaps death.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water spray (fog), Carbon dioxide (CO₂), Dry chemical, Alcohol foam.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical

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Closed containers may rupture/explode when exposed to temperatures above 120°F.

Hazardous combustion products: Carbon monoxide, Carbon dioxide (CO₂).

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.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions Use personal protection recommended in Section 8.

Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

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

Methods for Clean-Up Contain and collect with an inert absorbent and place into an appropriate container for disposal. Flush spill area with water to reduce slipping hazards.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing vapors or mists. Use only outdoors or in a well-ventilated area. Keep containers closed when not in use. For industrial or professional use only.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

Strong oxidizers, Ketones, Nitric acid, Sulfuric acid, Halogens, Halogen compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

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Appropriate engineering controlsEngineering Controls

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipmentEye/Face Protection

Safety glasses.

Skin and Body Protection

Rubber gloves.

Respiratory Protection

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

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

9. PHYSICAL AND CHEMICAL PROPERTIESInformation on basic physical and chemical properties

Physical state	Liquid	Odor	Characteristic
Appearance	Purple liquid	Odor Threshold	Not determined
Color	Purple	Remarks - Method	
Property	Values		
pH	11.5 (as received)		
Melting point / freezing point	0 °C / 32 °F		
Initial boiling point and boiling range	100 °C / 212 °F		
Flash point	None established		
Evaporation Rate	<1		
Flammability (Solid, Gas)	Liquid: Not applicable		N-butyl acetate
Flammability Limit in Air			
Upper flammability or explosive limits	None established		
Lower flammability or explosive limits	None established		
Vapor Pressure	None established		
Vapor Density	None established		
Relative Density	None established		
Water Solubility	1.0g		
Solubility in other solvents	Completely soluble		
Partition Coefficient	Not determined		
Autoignition temperature	Not determined		
Hypen	No data available		
Kinematic viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITYReactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Avoid temperatures above 120°F. Keep separated from incompatible substances. Keep out of reach of children.

Incompatible materials

Strong oxidizers, Ketones, Nitric acid, Sulfuric acid, Halogens, Halogen compounds.

Hazardous decomposition productsCarbon monoxide, Carbon dioxide (CO₂).**11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure.Product informationEye Contact

Causes severe eye damage.

Skin Contact

Causes skin irritation.

Inhalation

Harmful if inhaled.

Ingestion

May be harmful if swallowed.

Component information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 485 ppm (Rat) 4 h
Sodium xylenesulfonate 1300-72-7	= 1000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	"
Tetrapotassium pyrophosphate 7320-32-9	"	> 2000 mg/kg (Rabbit)	> 1.1 mg/L (Rat) 4 h
Nonylphenol Ethoxylate 127087-87-0	= 1310 mg/kg (Rat)	=	"
Sodium hyaluronate 13107-52	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	"

Symptoms related to the physical, chemical and toxicological characteristics.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

Group 3, IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
IARC (International Agency for Research on Cancer)
NTP (National Toxicology Program)
Group 3, IARC components are not classifiable as human carcinogens.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 2,302.50 mg/kg
Dermal LD50 5,480.10 mg/kg
ATEMIX (Inhalation-dust/mist) 5.1 mg/l
ATEMIX (Inhalation-vapor) 13.50 mg/l

12. ECOLOGICAL INFORMATIONEcotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Ethylene Glycol Monobutyl Ether 111-76-2	LC50 =1490mg/L (96h, Lepomis macrochirus) LC50 =2350mg/L (96h, Lepomis macrochirus)	EC50: >1000mg/L (48h, Daphnia magna)	
Tetrapotassium pyrophosphate 7320-34-5	LC50: >100mg/L (96h, Oncorhynchus mykiss) LC50 =45.4mg/L (96h, Oncorhynchus mykiss)	EC50: >100mg/L (48h, water flea)	
Sodium hydroxide 1310-73-2			

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Ethylene Glycol Monobutyl Ether 111-76-2	0.81
Nonylphenol Ethoxylate 127087-87-0	5.559

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONSWaste Treatment MethodsDisposal 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
Sodium hydroxide 1310-73-2	Toxic Corrosive

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

ATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories**

Chemical name	TSCA Status	TSCA Inventory	DSL/IDL	ENCS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Ethylene Glycol Monobutyl Ether	X	ACTIVE	X	X	X	X	X	X	X
Sodium Xylenesulfonate	X	ACTIVE	X	X	X	X	X	X	X
Tetraphosphorus pyrophosphate	X	ACTIVE	X	X	X	X	X	X	X
Nonphenol Ethoxylate	X	ACTIVE	X	X	X	X	X	X	X
Sodium hydroxide	X	ACTIVE	X	X	X	X	X	X	X

Legend:

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

DSL/IDL - Canadian Domestic Substances List/Non-Domestic Substances List

ENCS/ELI/PCS - 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 - Philippine 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)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Value %
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	>15	1.0
Nonphenol Ethoxylate - 127087-87-0	127087-87-0	<5	1.0

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1000 lb			X

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.
 U.S. State Right-to-Know Regulations

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Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monopropyl Ether 111-76-2	X	X	X
Sodium hydroxide 1310-73-2	X	X	X

16. OTHER INFORMATION

NFPA	Health hazards	Flammability	Instability	Special hazards
HMS	2 Health hazards	1 Flammability	1 Physical hazards	Personal Protection Not determined

Issue Date: 20-Jan-2015
 Revision Date: 03-Oct-2023
 Revision Note: Regulatory update

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 a 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.

End of Safety Data Sheet