

SAFETY DATA SHEET

SECTION I IDENTIFICATION

PRODUCT NAME: **HEADLIGHT CLEANER** Pg. 1/7
PRODUCT CODE Fluid: 2-6513 P/N: 6513-05 Version 1
RECOMMENDED USE: Automotive, Wash 10/20/2019
Meets GHS requirements

MANUFACTURER NAME: Fenner Chemical / Paint Bull Products
ADDRESS: 8209 Jordan Rd
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EMERGENCY PHONE: (866) 214-4235 (3E COMPANY)

SECTION II HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Acute toxicity, oral - Category 4
Acute toxicity, dermal - Category 4
Serious eye damage/irritation - Category 1
Acute toxicity, inhalation - Category 5

HAZARD PICTOGRAMS/SYMBOLS:



SIGNAL WORD:

Danger

HAZARD STATEMENTS:

H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H318: Causes serious eye damage.
H333: May be harmful if inhaled.

PRECAUTIONARY STATEMENTS:

P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS:

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P322: See specific measures on this label.
P330: Rinse mouth.
P363: Wash contaminated clothing before reuse.

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SECTION II HAZARDS IDENTIFICATION CONTINUED

DISPOSAL STATEMENTS: **P501:** Dispose of contents/container in accordance with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: No specific dangers known, if the regulations/notes for storage and handling are considered.

SECTION III COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #
Methanol	1 - 5	67-56-1
2-butoxyethanol	1 - 5	111-76-2

SECTION IV FIRST-AID MEASURES

SKIN CONTACT: Remove contaminated clothing and immediately rinse with copius quantities of water for a minimum of 15 minutes. Wash cloths before reuse. Seek medical attention immediately, speedy action is critical.

EYE CONTACT: Immediately flush eyes with copius quantities of water for a minimum of 15 minutes. Hold the eyelids open. Do NOT allow victim to close or rub eyes. Remove contact lenses if necessary and possible. Urgently seek medical attention!

INHALATION: Remove to fresh air. If breathing is difficult administer an approved oxygen supply. Seek medical assistance immediately.

INGESTION: **DO NOT** induce vomiting. If the victim is conscious give 2 - 4 cups of milk or water. Never give anything by mouth to an unconcious person. Seek medical assistance immediately.

SECTION V FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water, Water Fog, Carbon Dioxide and Dry Chemical

SPECIAL PROCEDURES: Use self contained breathing apparatus.

UNUSUAL HAZARDS: None known.

SECTION VI ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Dike spilled material. Absorb with absorbent such as clay, sand, or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

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SECTION VII HANDLING & STORAGE

HANDLING: Handle in accordance with good industrial hygiene and safety precautions.

STORAGE: Store at room temperature. Seal container after use.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT NAME**EXPOSURE LIMITS**

	OSHA (PEL)	ACGIH (TLV)
Sodium Hydroxide	2 mg/m ³	2 mg/m ³
2-butoxyethanol	50 ppm	20 ppm

ENGINEERING MEASURES: Apply process controls to ensure safe operating conditions. Assess potential flammability hazards based on flashpoint and potential ignition sources. Ensure adequate ventilation. Provide readily accessible eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

RESPIRATORY PROTECTION: Wear appropriate respirator when ventilation is inadequate.

HANDS PROTECTION: Chemical resistant protective gloves.

EYE PROTECTION: Tightly fitting safety goggles (chemical goggles).

SKIN AND BODY PROTECTION: Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance:	Clear liquid
Odor:	sweet ether
Odor threshold:	No data available
pH:	10.5 - 11.5
Melting point/freezing point:	< 32° F
Initial boiling point:	212° F
Flash point:	No data available
Evaporation rate (BuAc=1):	< 1
Flammability (solid, gas):	No data available
Upper flammability/explosive limits:	No data available
Lower flammability/explosive limits:	No data available
Vapor pressure:	No data available
Vapor density (Air=1):	No data available
Specific Gravity:	1.05
Solubility:	Soluble in water

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SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS CONTINUED

Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

SECTION X STABILITY AND REACTIVITY

REACTIVITY:	No hazardous reactions if stored and handled as prescribed/indicated.
STABILITY:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	None if used for intended purpose.
CONDITIONS TO AVOID:	Dangerous fumes formed when mixed with other products. Keep from freezing or overheating.
INCOMPATIBLE MATERIALS:	Alkalines, bleaches, acids, strong oxidizers.
HAZARDOUS DECOMPOSITION:	Carbon monoxide, carbon dioxide

SECTION XI TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF EXPOSURE: Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

POTENTIAL ACUTE HEALTH EFFECTS:

EFFECTS ON EYE:	Causes serious eye damage.
EFFECTS ON SKIN:	Harmful in contact with skin.
INHALATION EFFECTS:	May be harmful if inhaled.
INGESTION EFFECTS:	Harmful if swallowed.

ACUTE TOXICITY:

PRODUCT/INGREDIENT NAME	TEST	RESULTS
Sodium Hydroxide:	Acute toxicity, dermal (rabbit)	LD50 = 1,350 mg/kg
2-butoxyethanol:	Acute toxicity, oral (rat)	LD50 = 1,746 mg/kg
	Acute toxicity, dermal (rat)	LD50 = > 2,000 mg/kg
	Acute toxicity, Inhalation (dog)	LC0 = > 2 mg/L
	Skin corrosion/irritation (rabbit)	4 hours: moderate
	Serious eye damage/irritation (rabbit)	4 hours: moderate

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SECTION XI TOXICOLOGICAL INFORMATION CONTINUED

SENSITIZATION:

PRODUCT/INGREDIENT NAME	TEST	RESULTS
Sodium Hydroxide:		No evidence of sensitization effect.
2-butoxyethanol:		No evidence of sensitization effect.

CARCINOGENICITY:

PRODUCT/INGREDIENT NAME	TEST	RESULTS
Sodium Hydroxide:		No known carcinogenic effects.
2-butoxyethanol:		No known carcinogenic effects.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) :

PRODUCT/INGREDIENT NAME	TEST	RESULTS
Sodium Hydroxide:		No data available.
2-butoxyethanol:		No data available.

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) :

PRODUCT/INGREDIENT NAME	RESULTS	BASIS
Sodium Hydroxide:	No data available.	
2-butoxyethanol:	No data available.	

ASPIRATION HAZARD:

PRODUCT/INGREDIENT NAME	TEST	BASIS
Sodium Hydroxide:		No data available.
2-butoxyethanol:		No data available.

POTENTIAL CHRONIC HEALTH EFFECTS (2-BUTOXYETHANOL & SODIUM HYDROXIDE):

CARCINOGENICITY: No known carcinogens.

MUTAGENICITY: No data available.

TERATOGENICITY: No data available.

DEVELOPMENTAL EFFECTS: No data available.

FERTILITY EFFECTS: No data available.

SYMPTOMS OF EXPOSURE: The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

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SECTION XII ECOLOGICAL INFORMATION

Sodium Hydroxide	Toxicity in Crustacea (EC50):	34.59 - 47.13 mg/L (48 hours, Ceriodaphnia dubia)
	Mobility in Soil:	No data available.
2-butoxyethanol:	Toxicity in Fish (EC50):	1,474 mg/L (96 hours, Oncorhynchus mykiss)
	Mobility in Soil:	No data available.

SECTION XIII DISPOSAL CONSIDERATIONS

WASTE DESCRIPTION: Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

CONTAINER DISPOSAL: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

GENERAL DISPOSAL CONSIDERATIONS: Clean up and dispose of waste in accordance with all federal, state and local environmental regulations.

SECTION XIV TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)

PROPER SHIPPING NAME:	CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide Solution)
UN/NA NUMBER:	UN1760
HAZARD CLASS:	8
PACKING GROUP:	III
REPORTABLE QUANTITY (RQ lbs):	1,000 lbs
EMERGENCY RESPONSE GUIDEBOOK:	154
PLACARD/LABELS REQUIRED:	Corrosive

SECTION XV REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARDOUS CHEMICAL:	Yes
SARA 302 COMPONENTS:	None
SARA 311/312:	Immediate (X) Delayed (X) Fire () Reactive () Sudden release of Pressure ()
SARA 313 COMPONENTS:	2-butoxyethanol
TSCA STATUS	Regulated
CERCLA RQ	1,000 lbs

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SECTION XV REGULATORY INFORMATION CONTINUED

CALIFORNIA PROPOSITION 65:

State and Local Regulations

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Atmospheric Standards

Not regulated.

SECTION XVI OTHER INFORMATION

HMIS RATING:

Health = 2

Flammability = 0

Physical hazard = 0

SDS PREPARED ON:

10/20/2019

DISCLAIMER

The information herein has been from sources believed to be accurate, reliable and up to date to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources and do not make any warranties nor assume any liability from its use or misuse.

End of SDS