

SAFETY DATA SHEET

1. Product Identification

Bug Zapper Concentrate

Recommended usage Automatic and manual car wash soaps / concentrated cleaner

Manufacturer Wilhour Wash Works
104 West Poplar
Taylorville, IL. 62568

Emergency Number 1-800-424-9300 CHEMTREC

Telephone Number 1-217-825-8033

Date Prepared March, 2026

2. Hazard Identification

GHS Class	flammable	aspiration	Acute toxicity
(Category)	(0)	(0)	(1)
Signal Words			Warning
Hazard Statement	none	none	may cause skin/eye irritation

Label elements

3. Composition

<u>PRODUCTS</u>	<u>CAS#</u>	<u>%</u>
Sodium Hydroxide	1310-73-2	< 1
Glycerine	56-81-5	< .5
Other components below reportable levels (surfactants)		<15

4. First Aid measures

Inhalation	Remove victim to fresh air and keep at rest for comfortable breathing If breathing is still difficult, get medical attention.
Skin contact	Remove affected clothing and wash all exposed skin area with mild soap and Water, followed by warm rinse water.
Eye contact	Rinse immediately with plenty of water. Get medical attention if irritation persist
Indigestion	Rinse mouth. DO NOT induce vomiting. Contact poison control or doctor promptly.

5. Firefighting measures

Suitable extinguishing media	Foam, Dry powder, carbon dioxide, water spray, sand
Fire hazard	not a combustible liquid
Explosion hazard	if overheated pressure will increase and container may burst
Firefighting instructions	Use water spray or fog for cooling exposed containers. Prevent run off from entering environment.
Protection during firefighting	Do not enter fire area without proper protective equipment including respiratory equipment.

6. Accidental release measures

Personal Precautions	No action should be taken involving individual risk or without suitable training
Environmental	Avoid dispersal of spilled material and runoff and contact with soil Inform proper authorities if product reaches sewers or waterways
For containment	Dike for recovery or absorb with appropriate material. Do not contaminate ground and surfaced water
Methods for clean up	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible Collect spillage. Store away from materials.

7. Handling & Storage

Safe Handling	Always wear personal protective equipment. Do not get into eyes or on skin. Do not ingest.
Safe Storage	Store in accordance with local regulations. Store in original containers. Do not store unlabeled. Keep containers tightly closed.

8. Exposure control & Personal Protection

COMPONENTS	ACGIH TWA (ppm)	OSHA/ NIOSH	OSHA/ACGHI
Surfactant			1
Sodium Metacilicate	n/a	n/a	
Sodium Hydroxide	2		
Ventilation	mechanical ventilation probably not required due to low vapor pressure		
Hands	Viton glove are recommended consult supplier to confirm suitability.		
Eyes	Safety glasses with side shields ALWAYS PROTECT THE EYES		
Clothing	No special protective clothing required if normal industrial hygiene is practiced.		

9. Physical and Chemical properties

Physical state	liquid
Appearance and color	purple
Odor threshold	not known
pH	> 10
Evaporation rate	no data available
Melting point	no data available
Freezing point	no data available
Boiling point	no data available
Flash point	nonflammable
Specific Gravity	1.02 (1= 8.34)
VOC content	n/a

10. Stability and Reactivity

Reactivity	Non reactive
Chemical stability	Stable at ambient temperature and under normal conditions
Possibility of hazardous reaction	None known
Conditions to avoid	Extreme heat or open flames
Incompatible materials	Avoid contact with acidic materials and oxidizing agents
Hazardous decomposition products	none known

11. Toxicity

Effects, Acute Exposure

Skin contact	may irritate, drying, redness
Skin absorption	slight, no toxic effects likely by this route
Eye contact	irritation, stinging
Inhalation	Not expected route of entry. Slight irritation
Ingestion	headaches, dizziness, drowsiness are possible but not a typical route of exposure

Effects, Chronic Exposure

General	prolong exposure may remove natural skin oils and cause dermatitis		
Sensitising	not a sensitiser in human or animals		
Carcinogen/Tumorigen	Not know in human or animals		
Reproductive Effect	Not known in human or animal		
Mutagen	Not known in human or animal		
Synergistic with	not known		
LD50 (oral rat)	>1350 mg/kg	Exposure	96 hours
LD50 (skin rat)	>5000 mg/kg	Exposure	96 hours
LD50 (inhalation rat)	>5000 mg/kg		

12. Ecological information

Toxicity Ecological general	not established
Persistence and Degradability	not established
Bioaccumulative potential	not established
Other adverse effects	No effect on release to the environment

13. Disposal

Material that cannot be recovered should be disposed of in accordance with state and local requirements and with an approved waste management facility. Containers must be vented and thoroughly dried prior to crushing and recycling

14. Transport information

Transport material description	None
UN or NA Number	None
Proper shipping name	None
Primary Hazard Class	None
Hazard Label	None

15. Regulatory information

SARA 313 Components	none
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16. Other Information

NFPA (National Fire Protection Association)		HMIS Rating	
NFPA Health Hazard	1	Health	1
NFPA Fire Hazard	0	Flammability	0
NFPA Reactivity	0	Physical Hazard	0
Personal Protection	See section 8 of SDS		

This information contained in this SDS is believed to be accurate on the date issued. However material may present unknown hazards and should be used with caution. Final determination of suitable use of any material is sole responsibility of the user. Wilhour Wash Works does NOT assume any liability whatsoever for consumers use and disposal of this product.