

SAFETY DATA SHEET



Date Prepared : 05/29/2015
MSDS No : EZShine Bug Remover

EZShine Bug Remover

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EZShine Bug Remover
GENERAL USE: Hard surface cleaner
CHEMICAL FAMILY: Mixture

MANUFACTURER

APS
7455 FM 3009
Schertz, TX 78154
Customer Service: 210-564-3200

24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC (US Transportation): 800-535-5053
Poison Control Center (Medical): 877-800-5553

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2
Eye Irritation, Category 2A

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315: Causes skin irritation.
H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENT(S)

Prevention:

26988X51: Wash face, hands and any exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

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EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear liquid

IMMEDIATE CONCERNS: Corrosive. May be harmful or fatal if swallowed or inhaled. Causes severe skin and eye burns. Vapours are extremely irritating to eyes and respiratory tract.

POTENTIAL HEALTH EFFECTS

EYES: Extremely irritating to the eyes and may cause severe damage including blindness.

SKIN: Contact causes severe skin irritation and possible burns if not promptly removed. Prolonged, confined or repeated exposure may cause skin irritation and may lead to dermatitis, that may not be immediately visible.

INGESTION: Causes severe burning and pain to the mouth, esophagus, stomach, and other tissues with which contact is made. May cause vomiting, diarrhea and perforation of the esophagus and stomach lining may occur.

INHALATION: Mist or vapours may cause severe irritation of the nose, throat and respiratory tract. Repeated and/or prolonged exposures may cause productive cough, running nose, bronchopneumonia, pulmonary oedema (fluid build-up in lungs), and reduction of pulmonary function. Can cause injury to entire respiratory tract. Severe exposure may cause lung damage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ammonium Hydroxide	0.5 - 2	1336-21-6

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical professional if blurry vision or irritation develops and persists.

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wash or discard clothing and shoes before reuse.

INGESTION: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

INHALATION: Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen Note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.

NOTES TO PHYSICIAN: Severe and sometimes delayed (up to 72 hours) local and systemic reactions can occur.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non-flammable

GENERAL HAZARD: Product is not flammable or combustible under normal conditions.

EXTINGUISHING MEDIA: This aqueous solution of Ammonia will not produce flammable vapours at any temperature. Use extinguishing media appropriate to the surrounding fire conditions.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products are toxic and may include ammonia and oxides of nitrogen.

EXPLOSION HAZARDS: Non-explosive

FIRE FIGHTING PROCEDURES: Avoid flow of material into drains. Use a water spray to cool fire-exposed containers. Do not enter any enclosed or confined space without proper PPE.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self contained breathing apparatus as some toxic decomposition products may result from fire conditions.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Soak up with sawdust, sand, oil dry, paper towel or other absorbent material

LARGE SPILL: Confine spill by diking or impoundment. Clean up spill by absorbing with an inert material such as sand, soil, sawdust, oil dry or vermiculite. Sweep up absorbant and dispose according to regulatory requirements. Ventilate area to avoid breathing vapors or dust.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water if safe to do so.

LAND SPILL: Prevent further leakage or spillage if safe to do so.

AIR SPILL: Ventilate enclosed spaces.

GENERAL PROCEDURES: Neutralize the residue with a dilute solution of acetic acid.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid breathing vapors, mists or spray.

HANDLING: Use care in handling. Avoid contact with eyes, skin, and clothing. Avoid release to the environment. Follow label directions.

STORAGE: Keep container in well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Ammonium Hydroxide	TWA	50		35		25 [1]	[1]
Footnotes:							
1. NIOSH REL							

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Clear liquid

ODOR: Pungent

pH: ~ 11.5 to 12

FLASH POINT AND METHOD: Does not flash

FLAMMABLE LIMITS: Not Available to Not Available

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: 100°C (212°F)

FREEZING POINT: 0°C (32°F)

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THERMAL DECOMPOSITION: Not Available**SOLUBILITY IN WATER:** Completely soluble**EVAPORATION RATE:** Not Available**SPECIFIC GRAVITY:** 0.995**VISCOSITY:** Similar to water**10. STABILITY AND REACTIVITY****REACTIVITY:** Reacts with acid cleaners and cleaners containing bleach to produce hazardous gases.**HAZARDOUS POLYMERIZATION:** Will not occur.**STABILITY:** Stable under normal storage and handling conditions.**HAZARDOUS DECOMPOSITION PRODUCTS:** Ammonia and oxides of nitrogen.**INCOMPATIBLE MATERIALS:** Oxidizers, metal chlorides and acids.**11. TOXICOLOGICAL INFORMATION****ACUTE**

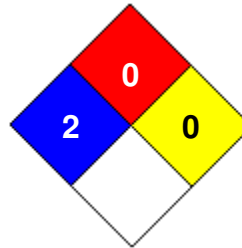
Chemical Name	ORAL LD ₅₀ (rat)	INHALATION LC ₅₀ (rat)
Ammonium Hydroxide	350 mg/kg (Rat)	3670 mg/l (Rat)

EYE EFFECTS: Direct contact with eyes may cause temporary irritation.**SKIN EFFECTS:** Skin Irritation**CARCINOGENICITY****Notes:** The ingredients of this product are not classed as carcinogenic by ACGIH, IARC, OSHA or NTP.**IRRITATION:** Prolonged inhalation may be harmful.**REPRODUCTIVE EFFECTS:** This product is not expected to cause reproductive or developmental effects.**12. ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL INFORMATION:** Ammonia dissipates relatively quickly in ambient air and rapidly return to the soil via combination with sulfate ions or washout by rainfall. In low concentrations in water and soil, Ammonia acts as a fertilizer to promote plant growth. Under aerobic conditions Ammonia will oxidize to nitrate and does not bioaccumulate in the environment.**AQUATIC TOXICITY (ACUTE):** May be harmful to aquatic life primarily associated with pH.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)**

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PROPER SHIPPING NAME: Not regulated as dangerous goods.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes**313 REPORTABLE INGREDIENTS:** None**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All components are listed or otherwise in compliance with notification requirements.**CALIFORNIA PROPOSITION 65:** This product does not contain any substances which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.**16. OTHER INFORMATION****PREPARED BY:** APS Compliance Office **Date Prepared:** 05/29/2015**HMIS RATING**

HEALTH	<input type="text"/>	2
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	B

NFPA CODES

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