SAFETY DATA SHEET

Defender

Printed: 09/13/2023
Revision: 09/13/2023
Supersedes Revision: 06/18/2018

1. Product and Company Identification

Product Code: 03025

Product Name: Defender

Company Name: Mobile Janitorial Supply
712 S. Richfield Rd.
Placentia, CA 92870

Phone Number: (714)779-2640

Emergency Contact: Infotrac

Phone Number: (800)535-5053

Information: Infotrac Contract # 107353

Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity: Oral, Category 5

GHS Signal Word: **Warning**

GHS Hazard Phrases:
H319 - Can cause serious eye irritation.
H303 - May be harmful if swallowed.

GHS Precaution Phrases:
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P102 - Keep out of reach of children.

GHS Response Phrases:
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+312 - If swallowed: Call a Poison Center or doctor if you feel unwell.

GHS Storage and Disposal Phrases:
P411+235 - Store in cool dry place at room temperature away from direct sunlight.
P501 - Dispose of contents and container according to the local, city, state and federal regulations.

Inhalation: Causes upper respiratory tract irritation.

Skin Contact: May cause mild skin irritation.

Eye Contact: May cause burning of eyes and flow of tears.

Ingestion: Irritation, abdominal pain, headache, dizziness, nausea and drowsiness.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
NA	(Not available)	1.0 -5.0 %	
1336-21-6	Ammonium hydroxide	< 0.1 %	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove person to fresh air and keep comfortable for breathing.

In Case of Skin Contact: Wash with plenty of soap and water.

In Case of Eye Contact: Immediately flush eyes with plenty of water for at l east 15 minutes. If eye irritation persists, get medical attention immediately.

In Case of Ingestion: Drink large amounts of water. Call physician.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: Dry chemical, CO2, alcohol-resistant foam or water spray.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use personal protective equipment. Absorb the liquid and scrub the area with detergent and water.

7. Handling and Storage

Precautions To Be Taken in Handling: Do not get in eyes, on skin, on clothing. Do not breathe spray or mist. Avoid ingestion and inhalation. Wash hands thoroughly after handling.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	(Not available)	No data.	No data.	No data.
1336-21-6	Ammonium hydroxide	No data.	No data.	No data.

Personal Protective Equipment Symbols:

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Safety glasses.

Protective Gloves: Handle with gloves.

Other Protective Clothing: Wear appropriate protective clothing to minimize contact with skin.

Engineering Controls (Ventilation etc.): There are no special ventilation requirements.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Amber color liquid with light ammonia odor.
pH:	~ 9.00 - 10.50
Melting Point:	NE
Boiling Point:	>= 212.00 F
Flash Pt:	NE
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N/A UEL: N/A
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Specific Gravity (Water = 1):	~ 1.010
Density:	~ 8.42 LB/GA
Bulk density:	NE
Solubility in Water:	100%
Saturated Vapor Concentration:	NE
Octanol/Water Partition Coefficient:	No data.
VOC / Volume:	0.0000 G/L
Autoignition Pt:	NE
Decomposition Temperature:	NE
Viscosity:	NP
Particle Size:	NE
Heat Value:	NE
Corrosion Rate:	NE

10. Stability and Reactivity

Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	None.
Incompatibility - Materials To Avoid:	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	Carbon monoxide, Carbon dioxide.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	None.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	(Not available)	No	No	No
1336-21-6	Ammonium hydroxide	No	Yes 1000 LB	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[X] Yes [ ] No Acute (immediate) Health Hazard
[ ] Yes [X] No Chronic (delayed) Health Hazard
[ ] Yes [X] No Fire Hazard
[ ] Yes [X] No Sudden Release of Pressure Hazard
[ ] Yes [X] No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
NA	(Not available)	CA PROP.65: No; CA TAC, Title 8: No
1336-21-6	Ammonium hydroxide	CA PROP.65: No; CA TAC, Title 8: Title 8

16. Other Information

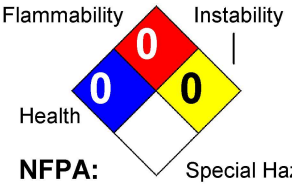
Revision Date: 09/13/2023

Hazard Rating System:

HMIS:

HEALTH	0
FLAMMABILITY	0
PHYSICAL	0
PPE	B

NFPA:



Additional Information About This Product: No data available.

Company Policy or Disclaimer: The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.