



## BUG OFF

<b>SENSITIVITY TO MECHANICAL IMPACT(Y/N):</b>	NO
<b>SENSITIVITY TO STATIC DISCHARGE:</b>	Sensitivity to static discharge is not expected.
<b>SUITABLE EXTINGUISHING MEDIA:</b>	As for surrounding fire. Product will not burn.
<b>FIRE FIGHTING PROCEDURES:</b>	None.

### 6. ACCIDENTAL RELEASE MEASURES

#### **SPILL PROCEDURES:**

<b>SMALL SPILLS:</b>	Rinse down drain.
<b>LARGE SPILLS:</b>	Dike to contain, reclaim all possible. Flush remainder with water.

<b>PERSONAL PRECAUTIONS:</b>	NA
<b>ENVIRONMENTAL PRECAUTIONS:</b>	NA
<b>METHODS FOR CLEANING UP:</b>	NA

### 7. HANDLING AND STORAGE

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Avoid contact with eyes, skin and clothing. Use only with adequate ventilation.
<b>OTHER PRECAUTIONS:</b>	Read and follow label instructions. Keep out of reach of children.
<b>SPECIFIC USE(S):</b>	NA

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **PROTECTIVE EQUIPMENT:**



<b>EXPOSURE CONTROLS:</b>	Use in a well ventilated area.
<b>RESPIRATORY PROTECTION:</b>	Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.
<b>PROTECTIVE GLOVES:</b>	Rubber or plastic gloves recommended to minimize skin contact.
<b>EYE PROTECTION:</b>	Goggles.
<b>OTHER PERSONAL PROTECTION EQUIPMENT:</b>	Appropriate protective clothing as needed to prevent skin contact.
<b>VENTILATION:</b>	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR:</b>	Clear, colorless liquid. Ammonia odor.	
<b>BOILING POINT (F):</b>	Above 212 F	(C) NA
<b>VAPOR PRESSURE:</b>	NA	
<b>VAPOR DENSITY (AIR=1):</b>	NA	
<b>SOLUBILITY IN WATER:</b>	Complete	
<b>SPECIFIC GRAVITY:</b>	.99 - 1.00	
<b>VOC Content (%):</b>	NE	
<b>VOV Content (%):</b>	NE	
<b>EVAPORATION RATE:</b>	Unknown	
<b>PH:</b>	11.0 - 12.0	

### 10. STABILITY AND REACTIVITY

<b>STABILITY DATA:</b>	STABLE
<b>POLYMERIZATION:</b>	Will Not Occur.
<b>HAZARDOUS DECOMPOSITION:</b>	Nitrous Oxide.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Do not mix with acidic materials.
<b>CONDITIONS/HAZARDS TO AVOID:</b>	None.

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## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE  
EFFECTS OF CHRONIC EXPOSURE: NE  
OTHER TOXIC EFFECTS: NE

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time.  
MOBILITY: NA  
PERSISTENCE/DEGRADABILITY: NA  
BIOACCUMULATIVE POTENTIAL: NA  
OTHER ADVERSE EFFECTS: NA

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Ammonium hydroxide 7664-41-7	2 max.	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Ammonium hydroxide 7664-41-7	2 max.	100 lb 45.4 kg	100 lb RQ Listed	Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Ammonium hydroxide 7664-41-7	2 max.	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Ammonium hydroxide 7664-41-7	2 max.	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Ammonium hydroxide 7664-41-7	2 max.	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

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PRODUCT COMPOSITION CAS#	%	PARTK:
Ammonium hydroxide 7664-41-7	2 max.	Listed

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*