

# SAFETY DATA SHEET

## 3164RTU:READY TO USE

Conforms to 1910.1200  
Issued: July 10, 2018

### AMMO D

#### 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Ammo D **Product Number:** 3164RTU  
**Recommended Use:** Ammoniated glass & hard surface cleaner  
Ready to use  
Product intended for commercial and industrial use only.  
**Uses Advised Against:** Other than per labelled instructions

#### Supplier Address:

Ameritech  
P.O. Box 38  
Hummelstown, PA 17036  
Telephone: 877-843-3070  
Internet: www.ameritechproducts.net

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

#### 2: HAZARDS IDENTIFICATION

**Classification:** Not classified as hazardous; as determined by OSHA 1910.1200.  
**Signal Word:** None  
**Pictogram:** None  
**Hazard Statements:** None  
**Precautionary Statements:** None  
**Other Hazards:** None  
**Supplemental Information:** None

#### 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight % *
ethanol	64-17-5	3 - 4
2-butoxyethanol	111-76-2	0.8 - 1.5
ammonia, aqueous solution	1336-21-6	< 1

\* Exact concentration of the ingredients has been withheld as a trade secret.

#### 4: FIRST AID MEASURES

##### DESCRIPTION OF FIRST AID MEASURES

**Eye Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Skin Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, rinse out mouth. Do not induce vomiting. Seek medical attention.

##### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

**Eye Contact:** None expected under normal use.  
**Skin Contact:** None expected under normal use.  
**Inhalation:** None expected under normal use.  
**Ingestion:** None expected under normal use.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

#### 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing media:** Dry Chemical, water spray, foam, carbon dioxide  
**Specific Hazards:** Materials can splatter above 212 °F / 100 °C. Formation of toxic gases is possible during heating or in case of fire.  
**Protective Equipment and Precautions:** No special fire fighting procedures recommended. Fire fighters should wear NIOSH approved breathing apparatus. Follow all general fire safety guidelines.

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**6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.

**Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

**CONTAINMENT AND CLEAN-UP**

**Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.

**Large Spills:** Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.

**Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

**7: HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.

**Conditions for Safe Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F). Store away from food stuffs. Store away from acids and oxidizing agents.

**Other Information:** Keep from freezing. Keep container sealed when not in use. Store in original container. Keep out of reach of children.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:**

Ingredient	CAS Number	ACGIH		OSHA	
		TWA	STEL	TWA	STEL
ethanol	64-17-5	-	1000 ppm	1000 ppm	-
2-butoxyethanol	111-76-2	20 ppm (BEI)	-	50 ppm (skin)	-

**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** Safety eyewear is recommended, to avoid chemical splashes and mists.

**Skin Protection:** Chemical resistant gloves are recommended.

**Respiratory Protection:** Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** green-blue liquid

**Odor:** ammonia like

**Odor Threshold:** data not available

**pH:** 11.0

**Freezing Point:** data not available

**Boiling Point:** data not available

**Flash Point:** not applicable - does not support sustained combustion

**Evaporation Rate:** data not available

**Flammability (solid/gas):** not applicable to liquids

**Flammability limits:** data not available

**Vapor Pressure:** data not available

**Vapor Density:** data not available

**Relative Density:** 8.3 lb/gal @ 68°F / 0.99 kg/l @ 20°C)

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**Solubility:** miscible in water  
**Partition Coefficient:** data not available  
**Auto Ignition temperature:** data not available  
**Decomposition Temperature:** data not available  
**Viscosity:** < 10 centipoise @ 60°F (20°C)  
**VOC:** 4%

**10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions.  
**Stability:** Stable under normal conditions  
**Hazardous reactions:** Reacts with strong acids and oxidizing agents.  
**Conditions to avoid:** Excessive heat  
**Incompatible materials:** Do not mix with other chemicals unless stated on the product label.  
**Hazardous decomposition products:** carbon monoxide, carbon dioxide, sulphur oxides, ammonia

**11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Not determined on product.

**LOCAL EFFECTS**

**Skin contact:** May cause mild irritation.  
**Eye contact:** May cause mild irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

**SPECIFIC EFFECTS**

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

**COMPONENT INFORMATION**

Component	LD50 Oral- Rat (mg/kg)	LD50 Dermal - Rabbit (mg/kg)	LC50 Inhalation- Rat (mg/l)
ethanol	10470	15800	30000 (4hr)
2- butoxyethanol	470	220	2.2 (4 hr)

**Carcinogenicity:**

Component	IARC	NTP	OSHA
2- butoxyethanol	IARC 3	N/L	N/L

**12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

**13: DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, regional and national regulations.

**14: TRANSPORT INFORMATION**

This product is not classified as hazardous for transportation.

**UN Number:** None  
**UN Proper Shipping Name:** None  
**Hazard Class:** None  
**Packing Group:** None  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** None

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**15: REGULATORY INFORMATION**

**U.S. REGULATIONS/REPORTING:**

Ingredient	CAS Number	SARA 302/304	SARA 313	CERCLA
2- butoxyethanol	111-76-2	N/L	5% †	RQ not assigned

†- listed as Glycol Ethers

**STATE RIGHT-TO-KNOW STATUS:**

Ingredient	CAS Number	MA - RTK	NJ - RTK	PA - RTK	RI - RTK
2- butoxyethanol	111-76-2	present	present	present	present
ethanol	64-17-5	present	present	present	present

**CALIFORNIA PROPOSITION 65:**

Ingredient	CAS Number	Comments
ethanol	64-17-5	listing not applicable for this product
1,4-dioxane	123-91-1	present in trace quantities only

**16: OTHER INFORMATION**

**Abbreviations Used:**

N/A - Not applicable  
N/E - Not Established  
N/L - Not Listed

**Revision Information:**

July 10, 2018 - SDS issued

Health: 1
Flammability: 0
Reactivity: 0

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This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**\*\*IMPORTANT SAFETY INFORMATION\*\*DO NOT DISCARD\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\***