

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: Oct. 15, 1996

Revision Number: 1

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N/A = Not Applicable

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

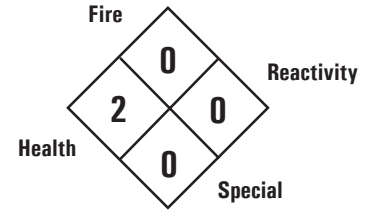
Product Name: Ammonia 5% 5106 Company Name: K-O-K Products, Inc. 700 South Three B's & K Galena, OH 43021 Ph. (740) 548-0526	Chemical Family: Ammonia 5% Household Proper Shipping Name: Consumer Commodity ORM-D Emergency 24-hr Ph. # (800) 255-3924
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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Resistry #	OSHA PEL	ACGIH TLV	Wr. %
Ammonium Hydroxide	1336-21-6	None	None	4-5%

The remainder of the ingredients are not defined as hazardous per 29 CFR 1910.1200.

Hazard Ratings



- 4 - EXTREME
- 3 - HIGH
- 2 - MODERATE
- 1 - SLIGHT
- 0 - INSIGNIFICANT

SECTION 3 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure: not determined Specific Gravity: 0.975 Solubility in Water: Complete PH: 14 Boiling Point: 80-85 degrees F. Viscosity: not determined	Vapor Density: not determined Evaporation Rate: Less than 1 (BuAc = 1) Freezing Point: not determined Odor: Ammonia odor Physical Appearance: Clear Liquid
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SECTION 4 - FIRE & EXPLOSION DATA

Flashpoint and Method: Not flammable
Flammable Limits: Not applicable
Autoignition Temperature: Not applicable
General Hazard: Non-flammable liquid.
Fire Fighting Instructions: Use self contained breathing apparatus.
Fire Fighting Equipment: Use media appropriate for surrounding materials.
Hazardous Combustion Products: Non-flammable liquid.

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Polymerization: Will not occur
Incompatibility (Materials Avoid): Halogens & Acids
Hazardous Decomposition Products: NH3 and NOx

SECTION 6 - STORAGE & HANDLING INFORMATION

Storage Temperature: Ambient
Storage Pressure: Atmospheric
General: Keep container closed when product is not in use. Store in a cool dry place.
KEEP OUT OF REACH OF CHILDREN

SECTION 7 - HEALTH HAZARDS & FIRST AID

EFFECTS OF OVEREXPOSURE:
Inhalation: Mist may cause irritation of upper respiratory tract.
Dermal: May cause irritation or burning.
Eyes: May cause irritation or burning.
Ingestion: May cause gastrointestinal irritation or burning. May cause nausea and vomiting.

Carcinogenicity: NTP - No, IARC - No, OSHA - No

FIRST AID MEASURES
Inhalation: Remove to fresh air. If breathing has stopped administer artificial respiration. Seek medical attention.
Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention.
Eyes: Immediately flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. Get immediate medical attention.
Ingestion: If swallowed, DO NOT induce vomiting. Vomiting may cause further throat damage. Dilute by giving large quantities of milk. Do not give anything by mouth if the person is unconscious or if having convulsions.

SECTION 8 - PERSONAL POTECTION INFORMATION

Respiratory Protection: Only W/O Adequate Ventilation - use NIOSH approved.
Ventilation: Equivalent to Outdoors
Protective Gloves: Recommended
Eye Protection: Recommended
Other Protective Equipment: Wash thoroughly after use.

SECTION 9 - SPILL OR LEAK PROCEDURES

Small Spill: Flush with plenty of water to a sewer system, or absorb with an absorbent and place in a clean properly labeled container for proper disposal.
Large Spill: Notify the appropriate authorities immediately. Stop spill. Handle same as above. Prevent runoff to streams, or other bodies of water.
Waste Disposal: Dispose in accordance with all Federal, State & Local regulations

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE, BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATED FROM THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM, IN ADVANCED OF THEIR NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE AND SUITABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.