



with **ASHLAND** TECHNOLOGY

MATERIAL SAFETY DATA SHEET

REVISION DATE: 05/15/2013

REVISION NUMBER: 2

DATE PRINTED: 05/15/2013

1. CHEMICAL PRODUCT

PRODUCT NAME: **AMERTROL 1100 ODT**

PRODUCT CODE: 119618

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 3/3

Fire: 0/0

Reactivity: 1/1

Special/Protective Equipment: CORR/D

Emergency Phone:

INFOTRAC: 1-800-535-5053

OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May be harmful if swallowed. May be fatal if swallowed. Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting. Causes burns of the mouth, throat and stomach. May cause allergic reaction in sulfite sensitive individuals.

SKIN CONTACT: Causes skin burns which may not be immediately painful or visible. Prolonged contact may lead to irritation and dermatitis.

INHALATION: May be harmful if inhaled. May be fatal if inhaled. Inhalation of mist may cause damage to nasal and respiratory passages. May cause Central Nervous System effects.

EYE CONTACT: May cause permanent eye damage. May cause corneal injury. May cause blindness.

CHRONIC EFFECTS: None known.

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Tetrapotassium Pyrophosphate 7320-34-5	5 - 10	Not applicable	Not applicable
Potassium Sulfite 10117-38-1	1 - 5	Not applicable	Not applicable
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Not applicable	Not applicable
2-DIETHYLAMINOETHANOL 100-37-8	1 - 5	2 ppm	10 ppm 50 mg/m ³

4. FIRST AID MEASURES

INGESTION: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention.

4. FIRST AID MEASURES

INHALATION:	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYES:	Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
NOTES TO PHYSICIAN:	None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): None to boiling (C): None to boiling
METHOD:	None
FLAMMABLE LIMITS IN AIR	
LOWER (%):	No data
UPPER (%):	No data
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Dry chemical. Carbon dioxide. Water.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Use water spray to cool nearby containers and structures exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:	
SMALL SPILLS:	Pick up with absorbant material.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.
PERSONAL PRECAUTIONS:	Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.
ENVIRONMENTAL PRECAUTIONS:	Keep out of drains, sewers, streams, or other bodies of water.
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Store in a cool, dry location away from incompatible materials. Store in a well ventilated area. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
PROTECTIVE GLOVES:	Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.
EYE PROTECTION:	Goggles and face shield are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	General mechanical or local exhaust as needed to maintain exposure below TLV or PEL. Corrosion resistant equipment recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Hazy. Light yellow liquid. Amine odor.	
BOILING POINT (F):	212°	(C) 100°
VAPOR PRESSURE:	27.997 hPa	
VAPOR DENSITY (AIR=1):	Not determined	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1.101 - 1.201	
BULK DENSITY:	9.60	
VOC Content (%):	Not determined	
EVAPORATION RATE:	Not determined	
PH:	13.0 min.	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Carbon Monoxide. Carbon Dioxide. Nitrogen oxides. Oxides of Phosphorus. Oxides of Sodium. Sulfide. Sulfur dioxide. Toxic fumes.
INCOMPATIBILITY (MATERIALS TO AVOID):	Acids. Alcohols. Aluminum. Chlorinated hydrocarbons. Metals. Nitrates. Organic solvents. Oxidizing materials. Peroxides. Water. Zinc
CONDITIONS/HAZARDS TO AVOID:	Extreme heat, direct sunlight. Moisture.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	Not applicable.
PERSISTENCE/DEGRADABILITY:	Not applicable
BIOACCUMULATIVE POTENTIAL:	Not applicable
OTHER ADVERSE EFFECTS:	Not applicable

13. DISPOSAL CONSIDERATIONS

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

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

15. REGULATORY INFORMATION

AMERTROL 1100 ODT

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Tetrapotassium Pyrophosphate 7320-34-5	5 - 10	Listed	Listed	Listed	Not Listed
Potassium Sulfite 10117-38-1	1 - 5	Listed	Listed	Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed	Listed	Listed	Not Listed
2-DIETHYLAMINOETHANOL 100-37-8	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Tetrapotassium Pyrophosphate 7320-34-5	5 - 10	Not Listed	Not Listed	Not Listed
Potassium Sulfite 10117-38-1	1 - 5	Not Listed	Not Listed	Not Listed
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	1000 lb 454 kg	Not Listed	Not Listed
2-DIETHYLAMINOETHANOL 100-37-8	1 - 5	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
2-DIETHYLAMINOETHANOL 100-37-8	1 - 5	<row><value>B3</value><value>D1B</value><value>E</value></row> B3

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:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
2-DIETHYLAMINOETHANOL 100-37-8	1 - 5	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:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
2-DIETHYLAMINOETHANOL 100-37-8	1 - 5	Listed

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

PRODUCT COMPOSITION CAS#	%	PARTK:
POTASSIUM HYDROXIDE 1310-58-3	1 - 5	Listed
2-DIETHYLAMINOETHANOL 100-37-8	1 - 5	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 ***