

DEGREE OF HAZARD

Health =2

Flammability=0

Reactivity=1

0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High; 4= Extreme

ALLTECH, INC.

3031 Catnip Hill Pike

Nicholasville, Kentucky 40356

Telephone: (859) 885-9613

Fax: (859) 885-6736

ChemTrec: 1-800-424-9300

ACID-PAK 4-WAY 2X WS

MATERIAL SAFETY DATA SHEET

SECTION I: CHEMICAL NAMES

Product Description: Acid-Pak 4-Way 2X Water Soluble is an organic acidifier for addition to drinking water for livestock and poultry and to milk or milk replacer fed calves or pigs.

Chemical Names	Citric and sorbic acids, Sodium citrate, Sodium chloride, Potassium chloride, Zinc sulfate, Magnesium sulfate, Iron sulfate, Dried <i>Lactobacillus acidophilus</i> fermentation product, Dried <i>Enterococcus faecium</i> fermentation product, Dried <i>Aspergillus niger</i> fermentation extract, Dried <i>Bacillus subtilis</i> fermentation extract, Natural and artificial flavors	Chemical Family	N/A
Trade Name & Synonyms	ACID-PAK 4-WAY 2X WS	Chemical Formula	N/A

N/A=not applicable or not analyzable

SECTION II - HAZARDOUS INGREDIENTS

Paints, Preservatives & Solvents	N/A	Alloys & Metallic Coatings	N/A
Pigments	N/A	Base Metal	N/A
Catalyst	N/A	Alloys	N/A
Vehicle	N/A	Metallic Coatings	N/A
Solvents	N/A	Filler Metal	N/A
Additives	N/A	Other	N/A
%TLV	N/A		

N/A=not applicable or not analyzable

SECTION III - PHYSICAL DATA

Boiling Point (°F)	N/A	Bulk density	51.5 lbs/ft ³ (825.5 kg/m ³)
Vapor Pressure (mmHg)	N/A	% Volatile by Volume	N/A
Vapor Density (air = 1)	N/A	Evaporation Rate	N/A
Solubility in Water	soluble	Appearance & Odor	white powder

N/A=not applicable or not analyzable

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point	N/A	Flammable Limits	NON-FLAMMABLE
Extinguishing Media	N/A	Unusual Fire & Explosion Hazards	N/A
Special Fire Fighting Procedures	NONE		

N/A=not applicable or not analyzable

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value	NONE ESTABLISHED
Effects of Overexposure	NONE KNOWN
Emergency & First Aid Procedures	FLUSH WITH WATER

SECTION VI - REACTIVE DATA

Stability	18 MONTHS UNDER NORMAL CONDITIONS
Conditions to Avoid	NONE
Incompatibility (Materials to Avoid)	MOISTURE ALKALI AND ACIDS
Hazardous Decomposition Products	NONE
Hazardous Polymerization May/May Not Occur	WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken	1. SWEEP OR VACUUM SPILLED MATERIAL 2. FLUSH WITH PLENTY OF WATER 3. USE DISINFECTANT
Waste Disposal Method	DISPOSE BY METHODS CONSISTENT WITH FEDERAL, STATE AND LOCAL REGULATIONS

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)	NON-TOXIC PARTICLE MASK AGAINST DUST
Ventilation	NORMAL PRECAUTIONS AGAINST DUST
Protective Gloves	RUBBER OR SILICONE
Eye Protection	EYE SHIELDS AGAINST DUST
Other Protection Necessary	NONE

SECTION IX - SPECIAL PRECAUTIONS

Handling & Storage	STORE IN CLOSED CONTAINER IN COOL DRY AREA
Other Precautions	NONE

"The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, Alltech Biotechnology Center cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use."