not allowed

51m

NOSB NATIONAL LIST 50-95 V

PROCESSING

MATERIAL NAME	: Potassium phosph	ates
CATEGORY: Synthe	tic Allowed	Complete?: 3/17
	NOSB Database Form	
	References	
	MSDS (or equivalent)	
	FASP (FDA)	
	Date file mailed out:	2/6/95
	TAP Reviews from: 13	ob Durst
	Stave Taylor Richard	2 Thever
	Supplemental Informat	

MISSING INFORMATION:	

NOSB/NATIONAL LIST COMMENT FORM/BALLOT

Use this page to write down comments and questions regarding the data presented in the file of this National List material. Also record your planned opinion/vote to save time at the meeting on the National List.

Name of Material	10 tass	iom phosp	hate
Type of Use:	_ Crops;	Livestock;	Processing
TAP Review by:			
1. <u>sta</u>	ne Taylor		
2. <u>Ric</u>	450d 74.00x		
3. <u>Bol</u>	o Durst		
Comments/Question	ns:		
My Opinion/Vote i	s:		
		- -4:	
Signature		Date _	

USDA/TAP REVIEWER COMMENT FORM

Use this page or an equivalent to write down comments and summarize your evaluation regarding the data presented in the file of this potential National List material. Attach additional sheets if you wish.

This file is due back to us within 30 days of: 6 Feb
Name of Material: Potasium phyphatey Reviewer Name:
Is this substance Natural or Synthetic? Explain (if appropriate) Natural (mined)
Please comment on the accuracy of the information in the file:
This material should be added to the National List as: Synthetic Allowed Prohibited Natural
or, This material does not belong on the National List because:
Are there any restrictions or limitations that should be placed on this material by use or application on the National List?
Any additional comments or references?
Not certain that about processes used after mining
Signature Stwe Taylor Date 3-10-98

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USDA/TAP REVIEWER COMMENT FORM

Original mailing date: 6 Feb 1995.

Name of Material: Potassium Phosphates Reviewer Name: Richard C. Theuer

phosphate, monobasic; potassium phosphate, dibasic; potassium phosphate, tribasic; potassium pyrophosphate; potassium tripolyphosphate) are prepared, directly or indirectly, by mixing aqueous solutions of phosphoric acid and potassium hydroxide. Both of these two starting materials are synthetic.

COMMENTS RE SECTION 2119(m) CRITERIA:

1. Phosphate (for phosphorus) and potassium are nutritionally essential elements for man and other animals.

2. Potassium phosphates used as direct food ingredients include potassium phosphate, monobasic; potassium phosphate, dibasic; and potassium phosphate, tribasic.

3. Potassium phosphates added directly to food as ingredients are regulated by FDA (see Title 21, Current Federal Regulations) with respect to specific use (nutrient supplement, sequestrant, pH control agent, etc.). Usage levels must conform to Good Manufacturing Practice. Potassium salts have a bitter taste so use is self-limiting.

4. Alternatives to potassium phosphates as nutrients do not exist, strictly speaking. Similar pH control and sequestrant action can be achieved with sodium citrates, for example, but the sodium level in the food is increased.

5. Potassium tripolyphosphate is used as a boiler water additive [21CFR173.310]. As such, it should not enter an organic food product. It is also used in adhesives for food packages. FDA regulations on substances used in adhesive require minimum transfer.

6. Potassium pyrophosphate is allowed in flume water used to wash sugar beets [21CFR173.315(a)(3)]. The concentration cannot exceed 0.3 ppm in the flume water. There is no tolerance for potassium pyrophosphate in the washed food.

7. Phosphoric acid is produced by the action of sulfuric acid (a synthetic) on heated phosphate rock. Potassium hydroxide is produced by electrolysis (a synthetic process) of potassium chloride. The toxic chlorine gas resulting from electrolysis is collected to avoid environmental pollution.

The following substances should be added to the National List of Substances as allowed synthetic ingredients in Organic Food: potassium phosphate, monobasic; potassium phosphate, dibasic; and potassium phosphate, tribasic.

The following substances should NOT be added to the National List of Substances allowed in Organic Food: potassium pyrophosphate; potassium tripolyphosphate.

USDA/TAP Reviewer Comment Form

Material: Potassium phosphates
Reviewer: Bob Durst
Is this substance Natural or Synthetic? Explain (if appropriate) These substances are synthetic.
Please comment on the accuracy of the information in the file: The file is accurate.
This material should be added to the National List as: Synthetic Allowed, Prohibited Natural, or This material does not belong on the National List because:
Are there any restriction or limitations that should be placed on this material by use or application on the National List? Must be listed on the ingredient label.
Any additional comments or references? As with all synthetic inorganic salts, source must be food grade. In addition each lot should be analyzed for toxic element concentrations (mercury, lead, cadmium, arsenic, thallium and antimony) and a near zero tolerance adopted.
Signature Noberth In Date 3/4/95

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NOSB Materials Database

Identification

Potassium phosphates Common Name **Chemical Name**

Other Names Dipotassium monophosphate; Potassium Biphosphate; Monopotassium Phosphate

Code #: CAS 7758-11-4 & 07778-77-0 Code #: Other

N. L. Category Synthetic Allowed MSDS yes Ono

Chemistry Family

Composition K₂HPO₄ & KH₂PO₄ **Properties** Colorless or white, granular salt that is deliquescent when exposed to moist air. Soluble in water,

insoluble in alcohol.

Made by mixing aqueous solutions of phosphoric acid and potassium hydroxide. Both starting materials How Made

are synthetic.

Processing

Use/Action

Type of Use

Specific Use(s) pH control agent in milk products; sequestrant; yeast food; emulsifier.

Potassium tripolyphosphate is used as a boiler water additive which does not enter an organic food

product. It is also used in adhesives for food packages.

Action

Combinations

Status

OFPA

N. L. Restriction

EPA, FDA, etc FDA-GRAS

Directions

Safety Guidelines Avoid contact with eyes, skin, clothing.

State Differences Historical status Internation | status

NOSB Materials Database

OFPA Criteria

2119(m)1: chemical interactions

Not Applicable

2119(m)2: toxicity & persistence

Not Applicable

2119(m)3: manufacture & disposal consequences

Tends to create eutrophication problems on disposal into environment.

Toxic chlorine gas produced by electrolysis is collected to avoid environmental pollution.

2119(m)4: effect on human health

Little effect on health at levels used in foods.

2119(m)5: agroecosystem biology

Not Applicable

2119(m)6: alternatives to substance

sodium citrates for pH control and sequestrant action.

2119(m)7: Is it compatible?

References

AU: Racine,-M.; Dumont,-J.; Champagne,-C.P.; Morin,-A.

TI: Production and characterization of the polysaccharide from Propionibacterium acidi-propionici on whey-based media.

SO: J-Appl-Bacteriol. Oxford: Blackwell Scientific Publications. Sept 1991. v. 71 (3) p. 233-238.

CN: DNAL 448.39-SO12

AB: The effects of lactose, ammonium and phosphate on the production of extracellular polysaccharide from Propionibacterium acidi-propionici VM-25 were studied in whey-based media. Up to 15 g/l of polysaccharide was produced during growth on partially deproteinated whey, supplemented with lactose, NH4Cl and KH2PO4, after incubation at pH 7.0 and 25 degrees C for 90 h. The final viscosity of the medium remained under 20 centipoises at the end of the fermentation (100-140 h). The polysaccharide may have applications as a low viscosity stabilizing agent.

AU: Russell,-J.B.; Strobel,-H.J.; Driessen,-A.J.M.; Konings,-W.N.

TI: Sodium-dependent transport of neutral amino acids by whole cells and membrane vesicles of Streptococcus bovis, a ruminal bacterium.

SO: J-Bacteriol. Washington, D.C.: American Society for Microbiology. Aug 1988. v. 170 (8) p. 3531-3536.

CN: DNAL 448.3-J82

AB: Streptococcus bovis JB1 cells were able to transport serine, threonine, or alanine, but only when they were incubated in sodium buffers. If glucose-energized cells were washed in potassium phosphate and suspended in potassium phosphate buffer, there was no detectable uptake. When deenergized cells were treated with valinomycin and diluted into sodium phosphate to create both an artificial membrane potential and a chemical sodium gradient, rates of serine uptake were fivefold greater than in cells having only a sodium gradient.

MSDS for POTASSIUM PHOSPHATE, MONOBASIC, CRYSTAL 1 - PRODUCT IDENTIFICATION PRODUCT NAME: POTASSIUM PHOSPHATE, MONOBASIC, CRYSTAL FORMULA: KH2PO4 FORMULA WT: 136.09 CAS NO.: 07778-77-0 PRODUCT CODES: 3243,4921,3247,3246 EFFECTIVE: 05/29/86 **REVISION #01** PRECAUTIONARY LABELLING BAKER SAF-T-DATA(TM) SYSTEM HEALTH - 0 NONE FLAMMABILITY - 0 NONE REACTIVITY - 0 NONE CONTACT - 1 SLIGHT HAZARD RATINGS ARE 0 TO 4 (0 = NO HAZARD; 4 = EXTREME HAZARD). LABORATORY PROTECTIVE EQUIPMENT: SAFETY GLASSES; LAB COAT PRECAUTIONARY LABEL STATEMENTS CAUTION MAY CAUSE IRRITATION DURING USE AVOID CONTACT WITH EYES, SKIN, CLOTHING. WASH THOROUGHLY AFTER HANDLING. WHEN NOT IN USE KEEP IN TIGHTLY CLOSED CONTAINER. SAF-T-DATA(TM) STORAGE COLOR CODE: ORANGE (GENERAL STORAGE) 2 - HAZARDOUS COMPONENTS COMPONENT % CAS NO. NOT APPLICABLE 3 - PHYSICAL DATA ------BOILING POINT: N/A MELTING POINT: N/A SPECIFIC GRAVITY: 2.34 VAPOR PRESSURE(MM HG): N/A VAPOR DENSITY(AIR=1): N/A EVAPORATION RATE: N/A (BUTYL ACETATE=1) (H2O=1)SOLUBILITY(H2O): APPRECIABLE (MORE THAN 10 %) % VOLATILES BY VOLUME: 0 APPEARANCE & ODOR: ODORLESS, WHITE CRYSTALLINE POWDER. 4 - FIRE AND EXPLOSION HAZARD DATA FLASH POINT (CLOSED CUP N/A FLAMMABLE LIMITS: UPPER - N/A % LOWER - N/A % FIRE EXTINGUISHING MEDIA USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE. 5 - HEALTH HAZARD DATA -----CARCINOGENICITY: NTP: NO IARC: NO Z LIST: NO OSHA REG: NO EFFECTS OF OVEREXPOSURE: DUST MAY IRRITATE SKIN OR EYES. TARGET ORGANS: NONE IDENTIFIED

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE IDENTIFIED ROUTES OF ENTRY: NONE INDICATED EMERGENCY AND FIRST AID PROCEDURES INGESTION: IF SWALLOWED AND THE PERSON IS CONSCIOUS, IMMEDIATELY GIVE LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION: IF A PERSON BREATHES IN LARGE AMOUNTS, MOVE THE EXPOSED PERSON TO FRESH AIR. GET MEDICAL ATTENTION. EYE CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY WASH WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES. 6 - REACTIVITY DATA STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR CONDITIONS TO AVOID: MOISTURE ._____ 7 - SPILL AND DISPOSAL PROCEDURES STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE. DISPOSAL PROCEDURE DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS. 8 - PROTECTIVE EQUIPMENT VENTILATION: USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE. RESPIRATORY PROTECTION: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN APPROPRIATE RESPIRATOR OR DUST MASK. EYE/SKIN PROTECTION: SAFETY GLASSES WITH SIDESHIELDS, PROPER GLOVES ARE RECOMMENDED. 9 - STORAGE AND HANDLING PRECAUTIONS SAF-T-DATA(TM) STORAGE COLOR CODE: ORANGE (GENERAL STORAGE) SPECIAL PRECAUTIONS KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY CHEMICAL STORAGE AREA. MATERIAL IS HYGROSCOPIC 10 - TRANSPORTATION DATA AND ADDITIONAL INFORMATION DOMESTIC (D.O.T.) PROPER SHIPPING NAME CHEMICALS, N.O.S. (NON-REGULATED) INTERNATIONAL (I.M.O.) PROPER SHIPPING NAME CHEMICALS, N.O.S. (NON-REGULATED)

MSDS for POTASSIUM PHOSPHATE, DIBASIC 1 - PRODUCT IDENTIFICATION -----PRODUCT NAME: POTASSIUM PHOSPHATE, DIBASIC FORMULA: K2HPO4 FORMULA WT: 174.18 CAS NO.: 7758-11**-4** PRODUCT CODES: 3252,3254 COMMON SYNONYMS: DIPOTASSIUM HYDROGEN PHOSPHATE **EFFECTIVE: 05/30/86 REVISION #01** PRECAUTIONARY LABELLING BAKER SAF-T-DATA(TM) SYSTEM HEALTH - 0 NONE FLAMMABILITY - 0 NONE REACTIVITY - 0 NONE CONTACT - 0 NONE HAZARD RATINGS ARE 0 TO 4 (0 = NO HAZARD; 4 = EXTREME HAZARD). LABORATORY PROTECTIVE EQUIPMENT: SAFETY GLASSES; LAB COAT PRECAUTIONARY LABEL STATEMENTS DURING USE AVOID CONTACT WITH EYES, SKIN, CLOTHING. WASH THOROUGHLY AFTER HANDLING. WHEN NOT IN USE KEEP IN TIGHTLY CLOSED CONTAINER. SAF-T-DATA(TM) STORAGE COLOR CODE: ORANGE (GENERAL STORAGE) 2 - HAZARDOUS COMPONENTS -----COMPONENT % CAS NO. NOT APPLICABLE 3 - PHYSICAL DATA BOILING POINT: N/A
MELTING POINT: N/A
SPECIFIC GRAVITY: N/A
VAPOR PRESSURE(MM HG): N/A
VAPOR DENSITY(AIR=1): N/A
EVAPORATION RATE: N/A (H2O=1)(BUTYL ACETATE=1) SOLUBILITY(H2O): APPRECIABLE (MORE THAN 10 %) % VOLATILES BY VOLUME: 0 APPEARANCE & ODOR: WHITE POWDER OR FINE GRANULES. 4 - FIRE AND EXPLOSION HAZARD DATA -----FLASH POINT (CLOSED CUP N/A FLAMMABLE LIMITS: UPPER - N/A % LOWER - N/A % FIRE EXTINGUISHING MEDIA USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE. SPECIAL FIRE-FIGHTING PROCEDURES FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. TOXIC GASES PRODUCED: PHOSPHORUS OXIDE 5 - HEALTH HAZARD DATA CARCINOGENICITY: NTP: NO IARC: NO Z LIST: NO OSHA REG: NO EFFECTS OF OVEREXPOSURE: NO EFFECTS OF OVEREXPOSURE WERE DOCUMENTED.

TARGET ORGANS: NONE IDENTIFIED MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE IDENTIFIED ROUTES OF ENTRY: NONE INDICATED EMERGENCY AND FIRST AID PROCEDURES INGESTION: IF SWALLOWED AND THE PERSON IS CONSCIOUS, IMMEDIATELY GIVE LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION: IF A PERSON BREATHES IN LARGE AMOUNTS, MOVE THE EXPOSED PERSON TO FRESH AIR. GET MEDICAL ATTENTION. EYE CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY WASH WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES.
6 - REACTIVITY DATA
STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR CONDITIONS TO AVOID: NONE DOCUMENTED DECOMPOSITION PRODUCTS: OXIDES OF PHOSPHORUS
7 - SPILL AND DISPOSAL PROCEDURES
STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE. DISPOSAL PROCEDURE DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.
8 - PROTECTIVE EQUIPMENT
VENTILATION: USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE. RESPIRATORY PROTECTION: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN APPROPRIATE RESPIRATOR OR DUST MASK. EYE/SKIN PROTECTION: SAFETY GLASSES WITH SIDESHIELDS, PROPER GLOVES ARE RECOMMENDED.
9 - STORAGE AND HANDLING PRECAUTIONS
SAF-T-DATA(TM) STORAGE COLOR CODE: ORANGE (GENERAL STORAGE) SPECIAL PRECAUTIONS KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY CHEMICAL STORAGE AREA.
10 - TRANSPORTATION DATA AND ADDITIONAL INFORMATION
DOMESTIC (D.O.T.) PROPER SHIPPING NAME CHEMICALS, N.O.S. (NON-REGULATED) INTERNATIONAL (I.M.O.) PROPER SHIPPING NAME CHEMICALS, N.O.S. (NON-REGULATED)

CNUM=2601 AUG 94

U.S. FOOD AND DRUG ADMINISTRATION FOOD ADDITIVE SAFETY PROFILE

TASSIUM PHOSPHATE, MONOBASIC

MG/KG BW/DAY/PERSON LBS/YR 0.01779 21000.000 87

 S#:
 007778770
 HUMAN CONSUMPTION:

 SP#:
 2601
 MARKET DISAPPEARANCE:

 PE:
 ASP
 MARKET SURVEY:

 S#:
 0304
 JECFA:

 MA#:
 JECFA ADI:
 JECFA ADI:

 AS#:
 JECFA ESTABLISHED:

 TENTIAL BEVERAGE USE LAST UPDATE:

MG/KG BW/DAY/PERSON

921215

DENSITY:

136.09

LOGP:

Α7

RUCTURE CATEGORIES:

MPONENTS:

NONYMS:

POTASSIUM ACID PHOSPHATE
POTASSIUM DIHYDROGEN PHOSPHATE
MONOPOTASSIUM PHOSPHATE
PHOSPHORIC ACID, MONOPOTASSIUM SALT
PHOSPHATE, POTASSIUM, MONOBASIC

Ö EMICAL FUNCTION: CHNICAL EFFECT:

PH CONTROL AGENT NUTRIENT SUPPLEMENT STABILIZER OR THICKENER MALTING OR FERMENTING AID

R REG NUMBERS:

160.110

NIMUM TESTING LEVEL:

STUDIES 1-3 FROM SCOGS-32 MMENTS:

ACUTE TOXICITY INFORMATION x 7:

SOURCE: GRM 000100 5:1112-1113
YEAR: 1975
LD50: 2820 MG/KG RW
UDY: 4

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CNUM=2601
AUG 94
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MG/KG BW 1975 3200 ECIES: MOUSE

MMENTS: COMPOUND ADMINISTERED BY GAVAGE

ORAL TOXICITY STUDIES (OTHER THAN ACUTE) :6 X

SOURCE: GRM 000100 5:1134-1140 YEAR: 1975 MG/KG BW/DAY LEL: > MG/KG BW/DAY HNEL: 282 MG/KG BW/DAY COMPLETENESS:
TERATOLOGY (GAVAGE)
: RAT
1: 10 DAYS
NO EFFECTS

TUDY: 1 COMPLETENESS: SOURCE
TPE: TERATOLOGY (GAVAGE) YEAR:
DECIES: RAT
TRATION: 10 DAYS
TFECTS: NO EFFECTS
TTES:
THES:

SOURCE: GRM 000100 5:1115-1122 YEAR: 1975 MG/KG BW/DAY LEL: > MG/KG BW/DAY HNEL: 320 MG/KG BW/DAY TUDY: 2 COMPLETENESS: SOURCE
TPE: TERATOLOGY (GAVAGE) YEAR:
PECIES: MOUSE
TRATION: 10 DAYS
TRECTS: NO EFFECTS
TRES:
TRES:
TRES:

GENETIC TOXICITY STUDIES χ 3:

COMPLETENESS: 3**A** UDY:
TPE:
ECIES:
TRATION:
TECTS:
TECTS:

SOURCE: YEAR: LEL: HNEL:

MG/KG BW/DAY

COMPLETENESS: 3B

SOURCE: YEAR: LEL: HNEL: UDY:
PE:
ECIES:
RATION:
FECTS:
LLS:

MG/KG BW/DAY

DIBASIC ASSIUM PHOSPHATE, 9.7740 MG/KG BW/DAY/PERSON 11533333.333 LBS/YR 87

%#: 007758114 HUMAN CONSUMPTION:
P#: 2600 MARKET DISAPPEARANCE:
E: ASP MARKET SURVEY:
#: 0157 JECFA:
JECFA ADI:
SS#: JECFA GE USE LAST UPDATE:

MG/KG BW/DAY/PERSON

921215

DENSITY: 174.18

A7

LOGP:

UCTURE CATEGORIES:

PONENTS:

ONYMS:

DIPOTASSIUM PHOSPHATE

POTASSIUM MONOPHOSPHATE
POTASSIUM MONOPHOSPHATE
POTASSIUM MONOHYDROGEN PHOSPHATE
DIPOTASSIUM HYDROGEN PHOSPHATE
DIPOTASSIUM MONOPHOSPHATE
DIPOTASSIUM ORTHOPHOSPHATE
PHOSPHATE, DIPOTASSIUM

G MICAL FUNCTION: HNICAL EFFECT:

PH CONTROL AGENT STABILIZER OR THICKENER EMULSIFIER OR EMULSIFIER SALT NUTRIENT SUPPLEMENT SEQUESTRANT

182.6285 133.169 133.179 REG NUMBERS:

133.173

INUM TESTING LEVEL:

MENTS:

STUDY 1 FROM SCOGS-32 SEE ALSO SODIUM PHOSPHATE, DIBASIC, FASP 2765

ORAL TOXICITY STUDIES (OTHER THAN ACUTE) . 6

AUG 94

3NUM=2600

NUM=2602

U.S. FOOD AND DRUG ADMINISTRATION FOOD ADDITIVE SAFETY PROFILE

	MG/KG BW/DAY/PERSON LBS/YR	MG/KG BW/DAY/PERSON	
	0.3276 386666.666 87	FU 70 1973 921215	LOGP:
TRIBASIC	HUMAN CONSUMPTION: MARKET DISAPPEARANCE: MARKET SURVEY:	JECFA: JECFA ADI: JECFA ESTABLISHED: LAST UPDATE:	DENSITY: 2.564
ASSIUM PHOSPHATE, TRIBASIC	#: 007778532 P#: 2602 R: ASP		212.27

A7 UCTURE CATEGORIES:

PONENTS:

TRIPOTASSIUM PHOSPHATE
PHOSPHORIC ACID, TRIPOTASSIUM SALT
PHOSPHATE, TRIPOTASSIUM ONYMS:

G MICAL FUNCTION: PH CONTROL AGENT EMULSIFIER OR EMULSIFIER SALT STABILIZER OR THICKENER HNICAL EFFECT:

176.170 175.105 REG NUMBERS:

176.180

IMUM TESTING LEVEL: 3

NO TOX STUDIES FROM SCOGS-32 NO TOX DATA SEE ALSO SODIUM PHOSPHATE, TRIBASIC FASP 2766 MENTS:

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U.S. FOOD AND DRUG ADMINISTRATION FOOD ADDITIVE SAFETY PROFILE

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PASSIUM PYROPHOSPHATE

MG/KG BW/DAY/PERSON LBS/YR	MG/KG BW/DAY/PERSON	
0.004444 5067 82	FU-C 70 1983 921215	LOGP:
HUMAN CONSUMPTION: MARKET DISAPPEARANCE: MARKET SURVEY:	JECFA: JECFA ADI: JECFA ESTABLISHED: LAST UPDATE:	DENSITY:
007320345 2604 ASP 0307		330.34
··#··· # // 日 // // // // // // // // // // // /	1A#:	

A7 ¿UCTURE CATEGORIES:

1PONENTS: JONYMS:

POTASSIUM PYROPHOSPHATE
DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT
TETRAPOTASSIUM DIPHOSPHATE
PYROPHOSPHORIC ACID, TETRAPOTASSIUM SALT
POTASSIUM DIPHOSPHATE
PHOSPHATE, POTASSIUM PYRO-

Ω MICAL FUNCTION:

EMULSIFIER OR EMULSIFIER SALT TEXTURIZER HNICAL EFFECT:

173.315 173.315(A)(3) REG NUMBERS:

VIMUM TESTING LEVEL: 2

NO TOX STUDIES IN SCOGS-32 NO TOX DATA MENTS:

U.S. FOOD AND DRUG ADMINISTRATION FOOD ADDITIVE SAFETY PROFILE

CNUM=2609

AUG 94

WASSIUM TRIPOLYPHOSPHATE

MG/KĠ BW/DAY/PERSON LBS/YR 013845368 2609 ASP 0308

0.00008474 100.000 87 FU-C 70 HUMAN CONSUMPTION:
MARKET DISAPPEARANCE:
MARKET SURVEY:
JECFA:
JECFA ADI:
JECFA ADI:
JECFA UPDATE:

SP#:
PE:
S#:
MA#:

MG/KG BW/DAY/PERSON

1983 921215

LOGP: DENSITY: 448.41

Α7

RUCTURE CATEGORIES:

MPONENTS:

: NONYMS:

PENTAPOTASSIUM TRIPHOSPHATE TRIPHOSPHORIC ACID, PENTAPOTASSIUM SALT POTASSIUM TRIPHOSPHATE (K5P3010)

Ω EMICAL FUNCTION:

NUTRIENT SUPPLEMENT TEXTURIZER CHNICAL EFFECT:

173.310 'R REG NUMBERS:

175.105

NIMUM TESTING LEVEL: 1

NO TOX STUDIES IN SCOGS-32 NO TOX DATA SEE ALSO SODIUM TRIPOLYPHOSPHATE, FASP 2779 MMENTS: