



KEY SCIENTIFIC PRODUCTS
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STAMFORD, TEXAS 79553
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Voice 800-843-1539
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Safety Data sheet

1 Identification

GHS Product Identifier

Catalog Number /	Product Name: Multiple
K080	Arginine dihydrolase (ADH) Tablet
K1080	WEE-TAB Arginine dihydro (ADH)
K380	LDC Tablet
K1380	WEE-TAB LDC

Other means of identification

K190	Ferric Chloride
K980190	Dropit Ferric Chloride

Recommended use of the chemical and restriction on use

For invitro diagnostic use only by trained professionals.

Supplier's details

Manufacturer / Supplier:

Key Scientific Products, Inc.
1113 East Reynolds Street
Stamford, TX 79553

Phone Number: 1-800-843-1539
Emergency Phone Number: none available.

2 Hazard(s) identification

Classification of the substance or mixture

Skin irritation, (Category2), H315

GHS label elements

Warning



Causes skin irritation

May cause respiratory irritation

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container to an approved waste disposal plant.

Other hazards which do not result in classification

None

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
L-Arginine monohydrochloride	1119-34-2	214-275-1	0.1 - 0.14	
Potassium diphosphate	7778-77-0	231-913-4	0.02 - 0.027	
Potassium phosphate dibasic	7758-11-4	231-834-5	0.01 - 0.018	
Sodium chloride	7647-14-5	231-598-3	0.1 - 0.18	
Glucose	50-99-7	200-075-1	0.01 - 0.018	
Phenol Red	143-74-8	205-609-7	0 - 0.001	
Kollidon	9003-39-8		0.4	
Peg	25322-68-3	500-038-2	0.09	
Starch, from corn	9005-25-8	232-679-6	0.03	
L-Lysine Hydrochloride	657-27-2		0.3 - 0.39	
Bromocresol Purple	115-40-2	204-087-8	0.03 - 0.037	

4 First-aid measures

Description of necessary first-aid measures

General advise

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Eyes: In case of contact with eyes, rinse immediately with water for 10-15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin: Take off contaminated clothing and shoes immediately. Wash thoroughly with soap and plenty of water. Consult a physician.

Most important symptoms/effects, acute and delayed

Most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of immediate medical attention and special treatment needed, if necessary

No data available.

5 Fire-fighting measures

Suitable extinguishing media

Use waterspray, CO2, foam, or dry powder as the extinguisher medium.

Specific hazards arising from the chemical

Carbon oxides, Hydrogen chloride gas, Nitrogen oxides, Sulphur oxides, Hydrogen bromide gas, Potassium oxides, Oxides of phosphorus, Sodium chloride
Combustible

Special protective actions for fire-fighters

Wear self-contained breathing apparatus if needed.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, dust, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7 Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid inhalation of vapor or mist. Provide adequate ventilation at places where dust is formed. Normal measures for fire protection. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well ventilated place.
Recommended storage temperature - 2-25° C.

8 Exposure controls/personal protection

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of workday.

Individual protection measures

Eye/face protection

Tightly fitting safety glasses with side shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or en 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected before use. Use proper glove removal technique (without touching gloves's outer surface) to avoid skin contact with product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-space.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type P95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (UN).

Control of environmental exposure

Do not let product enter drains.

9 Physical and chemical properties

Physical and chemical properties

Appearance:	Form: solid
	Color: varied
Odor:	pungent
Odor Threshold:	No data available
pH:	No data available
Melting point/freezing point:	Melting point/range: 37 °C (99 °F) -lit.
Melting point:	No data available
Flash Point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Upper/lower flammability/explosion limits:	No data available
Vapor Pressure:	No data available
Vapor density:	No data available
Relative density:	No data available
Water solubility:	No data available
Partition coefficient (n-octal/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temerature:	No data available
Viscosity:	No data available
Explosive Properties:	No data available

10 Stability and reactivity

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

Exposure to Moisture.

Incompatible materials

Strong oxidizing agents, Forms shock-sentive mixtures with certain other materials.,Sodium/sodium oxides, Potassium. Zinc, Powdered metals, Iron, Copper, Nickel, Brass, and Iron salts.

Hazardous decomposition products

Other decomposition products-No data available.

In the event of a fire, see Section 5.

11 Toxicological information

Toxicological (health) effects

Acute toxicity:

Inhalation: No data available.

Dermal: No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by OSHA.

Reproductive toxicity

No data available.

Specific organ toxicity - single exposure

No data available.

Specific organ toxicity - repeated exposure

No data available.

Additional information

RTECS: No data available.

12 Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Mobility in soil

No data available.

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.

13 Disposal considerations

Disposal methods

Product

Uninoculated items may be discarded as normal waste.
Inoculated waste should be discarded in a manner appropriate for biological hazards.

Contaminated Packaging

Dispose of as unused product.

14 Transport information

UN Number

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimus) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute health hazard.

Massachusetts Right To Know Components

	CAS#	Revision Date
High-polymeric carbohydrate material	9005-25-8	1989-08-11

Pennsylvania Right To Know Components

	CAS#	Revision Da
Lysine hydrochloride	657-27-2	
bromcresol purple	115-40-2	
L-arginine monohydrochloride	1119-34-2	
dipotassium hydrogen phosphate	7758-11-4	
1-ethenyl-2-pyrrolidinone homopolymer	9003-69-8	
Polyethylene glycol, average MW 8,000	25322-68-3	

New Jersey Right To Know Components

	CAS#	Revision Date
bromcresol purple	115-40-2	
L-arginine monohydrochloride	1119-34-2	
dipotassium hydrogen phosphate	7758-11-4	
1-ethenyl-2-pyrrolidinone homopolymer	9003-69-8	
High-polymeric carbohydrate material	9005-25-8	

California Prop. 65 Components

These products do not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16 Other information

Other information

The above information, to the best of our knowledge, is accurate. Key Scientific Products assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.