



KEY SCIENTIFIC PRODUCTS
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Safety Data sheet

1 Identification

GHS Product Identifier

Catalog Number /	Product Name: Multiple
K020	ADONITOL FERMENTATION TABLET
K070	ARABINOSE FERMENTATION TABLET
K120	CELLOBIOSE FERMENTATION TABLET
K150	DEXTROSE FERMENTATION TABLET
K180	DULCITOL FERMENTATION TABLET
K230	FRUCTOSE FERMENTATION TABLET
K330	INOSITOL FERMENTATION TABLET
K350	INULIN FERMENTATION TABLET
K360	LACTOSE FERMENTATION TABLET
K410	MALTOSE FERMENTATION TABLET
K430	MANNITOL FERMENTATION TABLET
K440	MELIBIOSE FERMENTATION TABLET
K540	RAFFINOSE FERMENTATION TABLET
K550	RHAMNOSE FERMENTATION TABLET
K570	SALICIN FERMENTATION TABLET
K600	SORBITOL FERMENTATION TABLET
K610	SUCROSE FERMENTATION TABLET
K610	TREHALOSE FERMENTATION TABLET
K680	XYLOSE FERMENTATION TABLET
K1020	WEE-TAB ADONITOL FERMENTATION
K1070	WEE-TAB ARABINOSE FERMENTATION
K1120	WEE-TAB CELLOBIOSE FERMENTATION
K1150	WEE-TAB DEXTROSE FERMENTATION
K1180	WEE-TAB DULCITOL FERMENTATION
K1230C	WEE-TAB FRUCTOSE FERMENTATION
K1020	WEE-TAB INOSITOL FERMENTATION
K1350	WEE-TAB INULIN FERMENTATION
K1360	WEE-TAB LACTOSE FERMENTATION
K1410	WEE-TAB MALTOSE FERMENTATION
K1430	WEE-TAB MANNITOL FERMENTATION
K1440	WEE-TAB MELIBIOSE FERMENTATION
K1540	WEE-TAB RAFFINOSE FERMENTATION
K1550	WEE-TAB RHAMNOSE FERMENTATION
K1570	WEE-TAB SALICIN FERMENTATION
K1600	WEE-TAB SORBITOL FERMENTATION
K1610	WEE-TAB SUCROSE FERMENTATION
K1640	WEE-TAB TREHALOSE FERMENTATION
K1680	WEE-TAB XYLOSE FERMENTATION

Other means of identification

CARBOHYDRATES

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

GHS label elements

Other hazards which do not result in classification

Follow directions on label and technical insert.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Adonitol	488-81-3	207-685-7	0	
L-Arabinose	5328-37-0	226-214-6	0	
D-Cellobiose	528-50-7	208-436-5	0	
Dulcitol	608-66-2	210-165-2	0	
Glucose	50-99-7	200-075-1	0	
Fructose	57-48-7	200-333-3	0	
myo-Inositol	87-89-8	201-781-2	0	
Inulin	9005-80-5	232-684-3	0	
Lactose monohydrate	64044-51-5	200-559-2	0	
Maltose monohydrate	6363-53-7	200-716-5	0	
D-Mannitol	69-65-8	200-711-8	0	
Melibiose monohydrate	585-99-9	209-568-6	0	
Raffinose pentahydrate	17629-30-0	208-146-9	0	
6-Deoxy-L-mannose monohydrate	10030-85-0	222-793-4	0	
2-(Hydroxymethyl)phenyl-B-D-glucopyanoside	138-52-3	205-331-6	0	
D-Glucitol	50-70-4	200-061-5	0	
Sucrose	57-50-1	200-334-9	0	
Trehalose dyhydrate	6138-23-4	202-739-6	0	
Xylose	58-86-6	200-400-7	0	

4 First-aid measures

Description of necessary first-aid measures

Eyes: In case of contact with eyes, rinse immediately with water for 10-15 minutes.
If irritation develops and persists seek medical advice.

Ingestion: Drink large amounts of water. Seek medical attention.

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

Skin: Wash thoroughly with soap and water. If irritation occurs seek medical advice.

Most important symptoms/effects, acute and delayed

No data available.

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, Potassium oxides, Sulphur oxides.

Special protective actions for fire-fighters

Wear self-contained breathing apparatus if needed.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear lab coat, gloves, and safety glasses.

Methods and materials for containment and cleaning up

Sweep or vacuum uninoculated product and discard as normal waste.

Inoculated tests should be treated according to accepted procedures for bacteriological hazards.

7 Handling and storage

Precautions for safe handling

Wear appropriate personal protective equipment (gloves, lab coat, safety glasses).

Conditions for safe storage, including any incompatibilities

Store according to label directions in the sealed container provided.

8 Exposure controls/personal protection

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

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. 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 N95 (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: Pale yellow to pink tablet.

Odor:

No data available.

Odor Threshold:

No data available.

pH:

No data available.

Melting point/freezing point:

No data available.

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:

Soluble in water.

Partition coefficient (n-octal/water):

No data available.

Auto-ignition temperature:

No data available.

Decomposition temperature:

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

No data available.

Incompatible materials

Oxidizing agents.

Hazardous decomposition products

No data available.

In the event of a fire, see Section 5.

11 Toxicological information

Toxicological (health) effects

Acute toxicity:

No data available.

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: Not available.

These chronic effects are suggested from analogy to beta-naphthylamine, RTECS# QM2100000. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12 Ecological information**Toxicity**

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

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

Other adverse effects

No data available.

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

No SARA Hazards.

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right To Know Components

No components are subject to the New Jersey Right to Know Act.

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.