

Section 1 - Product and Company Information

Item	129349 Arkady® Dough Improver
Contact Manufacturer	Corbion 7905 Quivira Road Lenexa, KS 66216
Information Telephone Numbers	1.800.669.4092 Fax: 913.438.2198 Emergency Phone Number: 1.800.424.9300 CHEMTREC (24 Hours)

Section 2 - Hazards Identification

GHS Ratings:

Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
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GHS Hazards

H350	May cause cancer
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GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P281	Use personal protective equipment as required
P308+P313	IF exposed or concerned: Get medical advice/attention
P405	Store locked up
P501	Dispose of contents/container to ...

Signal Word: Danger



Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number
Calcium sulfate	7778-18-9
Sodium chloride	7647-14-5
Starch	9005-25-8
Potassium bromate	7758-01-2

Section 4 - First Aid Measures

Inhalation	Remove to fresh air. Get medical attention for any breathing difficulty.
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Eye Contact	Immediately flush with running water to remove from eyes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops.
Skin Contact	Wash exposed area with soap and water. Get medical attention if irritation persists.
Ingestion	If the individual is conscious, clean mouth with water. Drink plenty of water afterwards. Get medical attention if large amounts are swallowed or in event of abdominal distress.
Notes to Medical Provider	Treat symptomatically.

Section 5 - Fire Fighting Measures

Flammable Limits	No data available.
Extinguishing Media	Water fog, dry chemical, CO2, foam or sand/earth.
Hazardous Combustion	Carbon monoxide, carbon dioxide from burning.
Fire Fighting	Use large quantities of foam.
Fire Equipment	Wear self- contained respiratory device. Wear a fully protective suit.

Section 6 - Accidental Release Measures

Spill should be taken up mechanically and placed in suitable container for disposal. Use a vacuum container equipped with a HEPA (High Efficiency Particulate Air) filter. Flush remainder with plenty of water. Avoid splashing, high pressure washing or compressed air cleaning.

Section 7 - Handling and Storage

Avoid formation of dust.
Ensure adequate ventilation.
Keep containers tightly closed in a dry and cool place.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Calcium sulfate 7778-18-9	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	10 mg/m3 TWA (inhalable fraction)	NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Sodium chloride 7647-14-5	Not Established	Not Established	Not Established
Starch 9005-25-8	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	10 mg/m3 TWA	NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Potassium bromate 7758-01-2	Not Established	Not Established	Not Established

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practices.

Respiratory Protection

Refer to Section 2-Hazards. If none listed, then no special protective equipment required under normal use.

Eye Protection

Refer to Section 2-Hazards. If none listed, then use safety glasses with side shields at a minimum.

Skin Protection

Refer to Section 2-Hazards. If none listed then no special protective measures are necessary.

Ventilation

Ensure adequate ventilation, especially in confined areas. Minimize the creation of dust.

Contaminated Gear

See Section 2- GHS Precautions Instructions.

Section 9 - Physical & Chemical Properties

Appearance	Powder
Flammability	No data found
Explosive Limits	0%

Section 10 - Chemical Stability & Reactivity Information

Stable under recommended storage conditions.

Section 11 - Toxicological Information

Exposure to this material may affect the following organs:

Eyes Skin Peripheral Nervous System Respiratory System

Components with Carcinogen Rating

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
7758-01-2	Potassium bromate		Potassium bromate: IARC: Possible human carcinogen OSHA: listed EU REACH: Present

Section 12 - Ecological Information

Component Ecotoxicity

Calcium sulfate	96 Hr LC50 Lepomis macrochirus: 2980 mg/L [static]; 96 Hr LC50 Pimephales promelas: >1970 mg/L [static]
Sodium chloride	96 Hr LC50 Lepomis macrochirus: 5560 - 6080 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 12946 mg/L [static]; 96 Hr LC50 Pimephales promelas: 6020 - 7070 mg/L [static]; 96 Hr LC50 Pimephales promelas: 7050 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 6420 - 6700 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4747 - 7824 mg/L [flow-through] 48 Hr EC50 Daphnia magna: 1000 mg/L; 48 Hr EC50 Daphnia magna: 340.7 - 469.2 mg/L [Static]

Section 13 - Disposal Considerations

Dispose in accordance with local regulations.

Section 14 - Transportation Information

For the purpose of transportation regulations, this item is not dangerous.

No special precautions required.

Section 15 - Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

7758-01-2 Potassium bromate 0 %

The following chemicals are reportable under U.S. - OSHA - Specifically Regulated Chemicals

- None

Country

USA
USA

Regulation

SARA
TSCA

All Components Listed

NO
NO



- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

HMIS & NFPA Hazard Rating Legend

* = Chronic Health Hazard

0 = INSIGNIFICANT

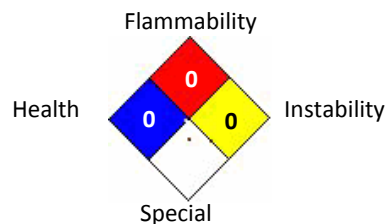
1 = SLIGHT

2 = MODERATE

3 = HIGH

4 = EXTREME

National Fire Protection Association (NFPA)



Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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