

## Section 1 - Product and Company Information

<b>Item</b>	<b>129498</b>	<b>Flour Enrichment Blend R with Folic Acid</b>
<b>Contact Manufacturer</b>	Corbion 7905 Quivira Road Lenexa, KS 66216	
<b>Information Telephone Numbers</b>	1.800.669.4092 Fax: 913.438.2198 Emergency Phone Number: 1.800.424.9300 CHEMTREC (24 Hours)	

## Section 2 - Hazards Identification

### GHS Ratings:

Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
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### GHS Hazards

H315	Causes skin irritation
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### GHS Precautions

P264	Wash ... thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see ... on this label)
P362	Take off contaminated clothing and wash before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P332+P313	If skin irritation occurs: Get medical advice/attention

**Signal Word: Warning**



## Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number
3-Pyridinecarboxylic acid	59-67-6
Iron	7439-89-6
Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-m	532-43-4
Riboflavin	83-88-5
L-Glutamic acid, N-[4-[[[2-amino-1,4-dihydro-4-oxo-6-pteridiny]methyl]amino]benzo	59-30-3
Phosphoric acid, calcium salt (2:3)	7758-87-4

#### Section 4 - First Aid Measures

<b>Inhalation</b>	Remove to fresh air. Get medical attention for any breathing difficulty.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Wash exposed area with soap and water. Get medical attention if irritation persists.
<b>Ingestion</b>	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.
<b>Notes to Medical Provider</b>	Treat symptomatically.

#### Section 5 - Fire Fighting Measures

<b>Flammable Limits</b>	No data available.
<b>Extinguishing Media</b>	Water fog, dry chemical, CO2, foam or sand/earth.
<b>Hazardous Combustion</b>	Carbon monoxide, carbon dioxide from burning.
<b>Fire Fighting</b>	Use large quantities of foam.
<b>Fire Equipment</b>	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
3-Pyridinecarboxylic acid 59-67-6	Not Established	Not Established	Not Established
Iron 7439-89-6	Not Established	Not Established	Not Established
Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)- 4-methyl-, nitrate (salt) 532-43-4	Not Established	Not Established	Not Established
Riboflavin 83-88-5	Not Established	Not Established	Not Established
L-Glutamic acid, N-[4-[[[(2-amino-1,4-dihydro-4-oxo-6-pteridiny]l)methyl]amino]benzoyl]- 59-30-3	Not Established	Not Established	Not Established

Phosphoric acid, calcium salt (2:3) 7758-87-4	Not Established	Not Established	Not Established
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#### 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

<b>Appearance</b>	Powder
<b>Flammability</b>	No data found
<b>Explosive Limits</b>	0%

### Section 10 - Chemical Stability & Reactivity Information

Stable under recommended storage conditions.

### Section 11 - Toxicological Information

Oral Toxicity LD50: 2,784mg/kg

Exposure to this material may affect the following organs:

#### Components with Carcinogen Rating

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			N/A

### Section 12 - Ecological Information

#### Component Ecotoxicity

3-Pyridinecarboxylic acid	96 Hr LC50 Salmo trutta: 520 mg/L
	48 Hr EC50 Daphnia magna: 77 mg/L
	72 Hr EC50 Desmodesmus subspicatus: 89.93 mg/L

### 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:

- None

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

- None

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
USA	SARA	NO
USA	TSCA	NO

- None

## Section 16 - Other Information

### Hazardous Material Information System (HMIS)

HEALTH	<input type="text"/>	0
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

#### HMIS & NFPA Hazard Rating Legend

\* = Chronic Health Hazard

0 = INSIGNIFICANT

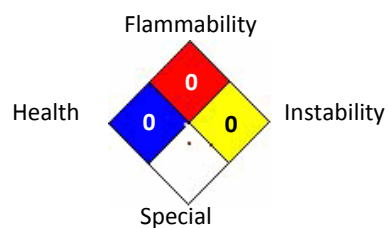
1 = SLIGHT

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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