

Акционерное общество «Биотехнологический комплекс -Росва»		
Документ системы менеджмента		
Вид, название документа	MSDS Глютен пшеничный (пшеничная клейковина)	
Обозначение (номер):	БиоТех Росва-А -19	
Номер версии:	1	
Дата издания:	январь 2019	Стр. 1 из 2

## Wheat Gluten MSDS

1. SUBSTANCE IDENTIFICATION		
1.1.	Product Name:	<u>Wheat Gluten</u>
1.2.	Description:	Wheat Gluten is a food manufactured through hydrating wheat flour
1.3.	Chemical Formula:	
1.4.	Molecular weight:	
1.5.	CAS:	
1.6.	EINECS:	
1.7.	Manufactured by:	AO "BIOTECHNOLOGICAL COMPLEX – ROSVA"
1.8.	Supplied by:	AO "BIOTECHNOLOGICAL COMPLEX – ROSVA"
1.9.	Usage:	In food as Proteins
2. Composition		
2.1.	Mass fraction of protein in terms of dry matter	not less than 70%
2.2.	Hazardous impurities:	Proteins
3. Physical/Chemical Characteristics		
3.1.	Physical State:	powder
3.2.	Appearance:	Powder product
3.3.	Odor:	Odorless
3.4.	pH:	5.5 – 7.0
3.5.	Melting point/range:	Not applicable
3.6.	Boiling point:	Not available
3.7.	Bulk density:	Not available
3.8.	Solubility:	Not available
4. Stability/Reactivity		
4.1.	Chemical Stability:	Stable under normal temperatures and pressures
4.2.	Shelf Life:	24 months period
4.3.	Hazardous decomposition:	carbon oxides (CO, CO <sub>2</sub> )
4.4.	Hazardous polymerization:	Will not occur
4.5.	Incompatible with:	Not available
5. Handling/Storage		
5.1.	Storage:	Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. Avoid dust formation and control ignition sources
5.2.	Handling precaution:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust
6. Exposure Control		
6.1.	Engineering Controls:	Safety shower and eye bath. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations below their respective threshold limit value
6.2.	Respiratory protection:	NIOSH/MSHA or European Standard EN 163 approved respirator
6.3.	Eye Protection:	Protective eyeglasses or chemical safety goggles
6.4.	Skin Protection:	Wear appropriate protective gloves and clothes to minimize skin contact
6.5.	Other:	
7. Hazards Identification		
7.1.	Hazardous overview:	Wheat Gluten is not classified as a Dangerous Substance
7.2.	Contact with eyes:	May cause eye irritation
7.3.	Contact with skin:	May cause skin irritation
7.4.	Ingestion:	May cause irritation of the digestive tract
7.5.	Inhalation:	May cause respiratory tract irritation
7.6.	Other:	Not Applicable
8. First Aid Measures		
8.1.	Contact with eyes:	Flush immediately with plenty of water and seek medical advice

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<b>8.2.</b>	<b>Contact with skin:</b>	Wash the affected area with water, remove contaminated clothing and launder before re-use. Seek medical advice if irritation develops or persists
<b>8.3.</b>	<b>Ingestion:</b>	No specific treatment is necessary
<b>8.4.</b>	<b>Inhalation:</b>	Remove from exposure, move to fresh air and seek medical advice immediately
<b>9. Fire and Explosion Data</b>		
<b>9.1.</b>	<b>General information:</b>	May be combustible at high temperature
<b>9.2.</b>	<b>Flash point:</b>	Not Applicable
<b>9.3.</b>	<b>Ignition control:</b>	Avoid ignition sources where Wheat Gluten dust might be generated
<b>9.4.</b>	<b>Dust control:</b>	Keep the handling area with adequate ventilation
<b>9.5.</b>	<b>Extinguishing Media:</b>	Not applicable
<b>9.6.</b>	<b>Spills/Leaks:</b>	Vacuum or sweep up material and place into a suitable disposal container
<b>10. Transport Information</b>		
<b>10.1.</b>	No special requirements and no restrictions on transportation by land, sea or air	
<b>11. Ecological Information</b>		
<b>11.1.</b>	Wheat Gluten is fully biodegradable and the products of degradation are not toxic	
<b>12. Other Information</b>		
<b>12.1.</b>	The information in Wheat Gluten MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond our control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the MSDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in Wheat Gluten MSDS. The user should review these regulations to ensure full compliance	