

Material Safety Data Sheet

HerbEx Korean Ginseng Extract (P)

1. Product & Company information

A. Product Name	HerbEx Korean Ginseng Extract (P)
B. Supplier Information	
Company Name	BioSpectrum, Inc.
Address	11F EinesPlatzBldg, 442-13 Sangdaewon-dong, Jungwon-gu, Sungnam-si, Gyeonggi-do 462-120, Republic of Korea
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2. Identification of hazards

- SAFETY/HAZARD PICTOGRAMS -



A. Physical hazards	Not determined
B. Health hazards	H315 Causes skin irritation H319 Causes serious eye irritation
Prevention	P264 Wash hands thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection
Response	P302+P352 IF ON SKIN: Wash with plenty of soap and water P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes P332+P313 If skin irritation occurs: Get medical advice/attention P337+P313 If eye irritation persists: Get medical advice/attention
C. Environmental hazards	Not determined
D. Additional hazard statements	Not determined

3. Information on ingredients

INCI Name	CAS No.	EINECS/ELINC No.	Contents (%)
Propanediol	504-63-2	207-997-3	50.00
Water	7732-18-5	231-791-2	48.00
Panax Ginseng Root Extract	50647-08-0	-----	2.00

4. First aid measures

A. IF IN EYES	Get medical attention immediately. Immediately flush eyes with plenty of water for at least 20 minutes.
B. IF ON SKIN	Wash with plenty of water for 20 minutes. Get medical attention if irritation develops or persists. Dispose the contaminated clothes and isolate the contaminated site Take off the contaminated clothes and wash before wear it again When skin irritation occur get medical attention
C. IF INHALED	Get medical attention immediately Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.
D. IF SWALLOWED	Get medical attention immediately

5. Fire-fighting measures

A. Extinguishing/Non-Extinguishing Media	Dry soil, Dry Chemical, Water spray, CO2 (Extinguishing) Pulsed infusion (Non Extinguishing)
B. Unusual hazards caused by chemicals	Emitting toxic fumes can occur Container explosion can occur when heated Ignition can occur in part of the substance Non-flammable substance can emit toxic fumes when heated
C. Special firefighting procedures	Wear respirator, chemical safety goggles and rubber gloves Remove the product away from the fire if possible Extracts can cause contamination In contact, the skin and the eye can be burned In disposal dug a hole to keep the substance and do not scatter In case of the tank on fire, cool the temperature down of the tank even after it is being extinguished In case of the tank on fire, if noise comes out from the pressurized emitting device exit immediately In case of the tank on fire, move away

6. Accidental release measures

A. Individual precautions	Wipe the spillage immediately and follow the instruction Eliminate all ignition sources Beware of all incompatible materials and conditions Do not handle the damaged container without any equipment
B. Environment precautions	Do not let the substance flow through the waterway, sewer and airtight area
C. Waste elimination	Use inert materials to absorb the spillage and put it in a chemical waste bottle Absorb the liquid and wash the contaminated site with water and soap
7. Handling & Storage	
A. Manipulation	Keep container tightly closed
B. Storage conditions	Store at room temperature, away from direct light
C. Package	Sterile product to keep sealed
8. Exposure controls/personal protection	
A. Individual protection	
Respiratory	Not necessary, aqueous liquid product
Eyes	Recommended protecting glasses
Hands	Recommended gloves made from PVC and rubber
Skin	Not necessary
B. Industrial hygiene	General hygiene measures relative to manipulation of chemical products
9. Physical & Chemical properties	
A. Appearance	Liquid
B. Color	Yellow
C. Odor	Characteristic
D. Solubility	Water-soluble
E. pH (25 °C)	5.00 ~ 8.00
F. Specific gravity (25 °C)	0.90 ~ 1.10
G. Arsenic	Max. 4 ppm
H. Heavy metals	Max. 10 ppm
I. Microbiological analysis	Max. 100 CFU/g
J. Ignition point	None
K. Flash point	>140°C
L. Boiling point	None
10. Stability & Reactivity	
A. Chemical stability	Stable in normal storage conditions
B. Dangerous reaction	It will not occur
C. Materials to avoid	Strong oxidizing agents
D. Conditions to avoid	None
11. Toxicological information	
	The following information was obtained from the solvent guide of the organization indicated as the source below
A. Skin irritation	Rabbit/mild irritation (*source : IUCLID, SIDS)
B. Eye irritation	Rabbit/mild irritation (*source : IUCLID, SIDS)
12. Ecological information	
A. Persistence / Degradability	Biodegradable
B. Bioaccumulation	Not determined
C. Ecotoxicity	Not determined
13. Disposal consideration	
A. Waste	Can be as an industrial waste referring to local regulation waste elimination
B. Used packages	Unique usage observed all environmental regulation
14. Transport information	
A. Ocean shipment (IMDG)	Not subject to IMDG code
B. Air shipment (IATA)	Not subject to IATA regulations
* Contact BioSpectrum, Inc. for more information about transport	
15. Regulatory information	
A. Supply classification and labeling	Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC
B. National legislation	For further product information we recommended to consider the corresponding appropriate national legislation
16. Other information	
* The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process	