



MATERIAL SAFETY DATA SHEET

Mullein Extract, 10:1

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY	
COMMON NAME	Mullein Extract
BOTANICAL SOURCE	<i>Verbascum thapsus L.</i>
COMPANY NAME	Xi'an Herbs Valley Biotech Co., Ltd.
ADDRESS	8 South Zhaorong Street, Airport New City of Xixian New Area, Shaanxi Province, China
2. INFORMATION ON SUBSTANCE	
PRINCIPAL HAZARDOUS COMPONENT (S)	None
APPEARANCE	Yellowish Brown Powder
3. HAZARDS INFORMATION ON SUBSTANCE	
HEALTH HAZARDS	No data available yet
FIRE AND EXPLOSION HAZARDS	No data available yet
ENVIRONMENTAL HAZARDS	No environmental hazards as far as to our knowledge.
4. FIRST-AID MEASURES	
INHALATION	Remove to well-ventilated area. Seek medical attention.
SKIN CONTACT	Washed by soap water or clear water if it comes into contact with skin.
EYE CONTACT	Washed by clear water if contacting with eyes. Sent to hospital if having excessive intake by mistake.
INGESTION	Wash out mouth with water if conscious. Seek medical attention.
.PROTECT MEASURES	Wearing protective clothes and safety gloves when operating.
5. FIRE-FIGHTING MEASURES	
EXTINGUISHER MEDIA	Water Spray, Carbon Dioxide, Dry Chemical Powder or other appropriate form.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-containing breathing apparatus against toxic fumes and protective clothing.
FIRE & EXPLOSION HAZARDS	Not combustible, flammable or explosive. Emits toxic fumes under fire conditions.
6. ACCIDENTAL RELEASE MEASURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS	Wear protective equipment. Sweep up, place in proper container for



SPILED OR RELEASED	waste disposal, and do not get water inside container. Avoid raising dust. Ventilate area & wash site after material pickup is complete.
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CLEANING METHODS	Wash premises, equipment and working surfaces with water.
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WASTE DISPOSALS METHODS	Dispose of as solid organic waste in accordance with national and local regulations
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7. HANDLING & STORAGE

HANDLING&STORAGE	Keep far away from kindled material, heat source and direct light. Keep the container airtight. Should be separately stored from oxidant and edible chemical compound.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS	
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GB	TWA:	Not established
D	TWA:	Not established
USA	TWA/TLV:	Not established
USA	TWA/STEL:	Not established

VENTILATION	Local exhaust may be needed.
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PERSONAL PROTECTIVE EQUIPMENT	Protective goggles, gloves. Coveralls, apron, boots. Respiratory protection with dust-filter may be needed.
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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Yellowish Brown Powder
BOILING POINT	N/A
MELTING POINT	N/A
AUTO-IGNITION TEMP.	N/A

WATER SOLUBILITY	Soluble
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FLASH POINT	N/A
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EXPLOSIVE LIMITS IN AIR	N/A
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10. STABILITY & REACTIVITY

STABILITY & REACTIVITY	The compound is stable at room temperature in closed containers.
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CONDITIONS TO AVOID	Incompatible materials, light, dust generation, moisture, excess heat, strong oxidants.
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MATERIALS TO AVOID	Oxidizing agents
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HAZARDOUS DECOMPOSITION	Carbon monoxide, carbon dioxide.
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PRODUCTS	
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11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50 (MICE/RATS)	
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IRRITATION TESTS (EYES) Not known

INHALATION Not known

12. ECOLOGICAL INFORMATION

No Data available yet.

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

UN UN No. Not classified as dangerous goods

ADR Not restricted

DGR Not restricted

IMDG Not restricted

15. REGULATORY INFORMATION

Data not available

16. OTHER INFORMATION

Mullein Leaf Extract has been proved no offensive smell, no infective danger or any other danger when transported.