

MATERIAL SAFETY DATA SHEET

1. COMPANY- PRODUCT NAME			
Product Name	:	ACTIPONIN	
Address	:	TG Biotech Co., Ltd. #505 Techno B/D, Kyungpook National University, 47, Kyungdaero 17Gil, Bukgu, Daegu, 702-832, KOREA Tel:+82-53-953-0833, Fax:+82-53-953-0834	
2. COMPOSITION/INFORMATION ON COMPOUND			
Botanical name	:	Gynostemma pentaphyllum Leaf	
English name	:	Extract of Gynostemma pentaphyllum(Thunb.) Makino	
3. HAZARD IDENTIFICATION			
Human Health Hazards	:	Non hazardous	
Environmental hazards	:	Non hazardous	
4. FIRST AID MEASURES			
Eyes contact	:	May cause irritation; flush with copious quantities of water	
Inhalation	:	May cause irritation; remove to fresh air	
5. FIRE FIGHTING MEASURES			
Extinguishing media suitable	:	Water spray, dry chemical, carbon dioxide or foam or as appropriate for surrounding fire & material	
Hazardous thermal decomposition products	:	No Hazardous thermal decomposition products	
6. ACCIDENTAL RELEASE MEASURES			
Environmental precautions	:	As recommended by state / local pollution control laws.	
Method of cleaning up	:	Wipe up the spillage or collect spillage using high efficiency vacuum cleaner and dispose. Avoid breathing the dust. Flush the area with water and clean	
7. HANDLING AND STORAGE			
Handling	:	Normal handling	
Storage	:	Longer storage	Store at room temperature
	:	Transportation	Room temperature
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
Hand protection	:	Normal handling	
Eye protection	:	Normal handling	
Face protection	:	Normal handling	
9. PHYSICAL AND CHEMICAL PROPERTIES			
Colour	:	Light brown powder	
Odour	:	Characteristic odour	
Flash point	:	Not applicable	
Solubility	:	Water insoluble	
10. STABILITY			
Conditions to avoid	:	Avoid exposure to moisture and air.	
Material to avoid	:	Strong oxidising agents and acids	
Hazardous decomposition products	:	No Hazardous thermal decomposition products	
11. TOXICOLOGICAL INFORMATION			
Rodent (LD ₅₀) - Oral	:	Not determined	
Skin irritation	:	Not observed	
Phototoxicity	:	Not observed	
12. ECOLOGICAL INFORMATION			
Biodegradability	:	Biodegradable however data not available	

(continued to the next page)

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13. DISPOSAL CONSIDERATIONS	
Method of disposal	: Wipe up the spillage or collect spillage using high efficiency vacuum cleaner and dispose. Avoid breathing the dust. Flush the area with water and clean.
14. TRANSPORT INFORMATIONS	
By Air / Sea/ Road <i>Extract of Gynostemma pentaphyllum</i> is non-dangerous, non-toxic, non-hazardous and it can be carried in air-craft / ship / transport vehicle.	
15. REGULATORY INFORMATION	
Hazardous label	: Not applicable
Symbols and indications of danger	: Not applicable
Nature of special risks	: Not applicable
Safety advice	: As applicable to all botanical preparations
16. OTHER INFORMATION	
The above information is collected from sources considered reliable but has not been independently verified by us	

The statements made here are supposed to describe the product with regard to necessary safety precautions. They are made to the best of our current knowledge. They do not guarantee special characteristics and are not a substitute of the technical data sheet.

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