西安绿天生物技术有限公司
Plamed Green Science Group

MATERIAL SAFETY DATA SHEET

Section1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

Product name: PCR® Supramolecular Scutellaria Baicalensis Extract

INCI name: SCUTELLARIA BAICALENSIS ROOT EXTRACT; HYDROXYPROPYL CYCLODEXTRIN

REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances

Product Name	Scutellaria Baicalensis Extract
Manufacturer/Supplier	Plamed Green Science Group
Address	69# Jinye Rd., High-Tech Zone, Xi'an, P. R. China.
Phone Number	+ 86-29-81021258

Section 2. HAZARDS IDENTIFICATION

Hazard labels are not required, but precautions for the safety of general chemical treatment must be specified.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical name	INCI	CAS number	EC number
PCR® Supramolecular Scutellaria Baicalensis Extract	SCUTELLARIA BAICALENSIS ROOT EXTRACT; HYDROXYPROPYL CYCLODEXTRIN	/	/

Section 4. FIRST AID MEASURES

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Section 5. FIREFIGHTING MEASURES

Flammability of the Product May be combustible at high temperature.

Auto-Ignition Temperature Not available.

Flash Points Not available.

Flammable Limits Not available.

Not available.

Products of Combustion

Fire Hazards in Presence of Slightly flammable to flammable in presence of open flames and sparks, of heat.

Various Substances Non-flammable in presence of shocks.

Explosion Hazards in Presence Risks of explosion of the product in presence of mechanical impact: Not available.

Hazards of Various Substances Risks of explosion of the product in presence of static discharge: Not available

Fire Fighting Media SMALL FIRE: Use DRY chemical powder.

and Instructions LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Not available.

Fire Hazards

Special Remarks on Explosion Not available.

Section 6. ACCIDENTAL RELEASE MEASURES

Small Spill Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7. HANDLING AND STORAGE

Precautions Keep away from acid. When processing temperature is 80℃, the time should be controled within 15 minutes. The best temperature is 10~20℃.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 60°C.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used a Large Spill to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits Not available.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: light yellow to yellow powder

Odor: Characteristic

Ph Value: 5.0-7.0

Boiling Point: Not available

Freezing Point: Not available

Vapor Pressure: Not available

Density: Not available

Water solubility: soluble in water

Section 10. STABILITY AND REACTIVITY

Hazardous degradation products: non-hazardous degradation products shall be used according to the regulations.

Dangerous reaction: reaction with acid and strong oxidant

Section 11. TOXICOLOGICAL INFORMATION

Routes of Entry Inhalation. Ingestion.

Toxicity to Animals LD50: Not available.

LC50: Not available.

Chronic Effects on Humans Not available.

Other Toxic Effects on

Slightly hazardous in case of skin contact (irritant), of inhalation.

Humans

Special Remarks on Not available.

Toxicity to Animals

Special Remarks on Not available.

Chronic Effects on Humans

Special Remarks on other Acute Potential Heath Effects:

Toxic Effects on Humans Skin: May cause skin irritation.

Eyes: Dust may cause mechanical irritation to the eyes.

Inhalation: Dust may cause respiratory tract irritation.

Ingestion: Ingestion of large amounts may cause gastrointestinal tract irritation.

Chronic Potential Health Effects: no information found at this time.

The toxicological properties of this substance have not been fully investigated.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity Not available.

Fish toxicity (LC50) Not available.

Section 13. DISPOSAL CONSIDERATIONS

Waste Disposal Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. TRANSPORT INFORMATION

Road transport

ADR: no dangerous goods RID no hazardous goods

inland waterway transportation

ADNR no dangerous goods

Ocean transportation

IMDG/UN nodangerous goods

Air transportation

ICAO/IATA no dangerous goods

Postal delivery permission

Section15. REGULATORY INFORMATION

Official identification information

Labels: do not force the use of danger warning labels

National regulations: liquid dangerous level (Ger.): 0 (VCI liquid dangerous level data)

Section 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Plamed shall not be held liable for any damage resulting from handling or from contact with the above product. See and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.