

SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : REKYVA Red 250L

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

Use: Growing media

1.3 Details of the supplier of the safety data sheet

Supplier : HUMIBOX (M) SDN. BHD.
Lot 1033, Tingkat 3, Batu 7,
Jalan Ipoh, 68100, Batu Caves,
Selangor D.E., Malaysia.
Tel: +603-6185 1898

2. Composition/information on ingredients

2.1 Ingredients

50% neutralized white sod peat, 50% neutralized milled peat and fertilizer

3. Hazards identification

3.1 Classification of the substance or mixture

The mixture is not classified according Directive 1999/45/EC

Physical/Chemical hazards: not applicable

Human health hazards:

Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease.

Environmental hazards: not applicable

4. First aid measures

4.1 Description of first aid measures

Inhalation:

Avoid breathing dust. If inhaled, remove to fresh air.

Skin:

No known hazard

Eye:

Dust particles may cause minor eye irritation. In case of contact, flush eyes with a copious amount of water.

Ingestion:

No known significant effects or critical hazards.

5. Fire-fighting measures

5.1 Extinguishing media:

Standard fire-fighting agents, such as water

5.2 Special hazards arising from the substance or mixture

No special hazard

5.3 Advice for fire-fighters

Use standard protection equipment and precautions for fire-fighters.

Caution: burning may continue inside bags or piles after surface fire is out. Break bags or separate pile to assure that the fire is extinguished. The thermal decomposition products are those commonly observed with natural products such as wood or other vegetable matter.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

If excessive dust is created, avoid breathing dust by using adequate ventilation or CE-approved respirator for nuisance dust of this type.

6.2 Environmental precautions

Avoid dispersal of spilled material and run-off and direct contact with waterways, surface water, drains and sewers.

6.3 Methods and material for containment and cleaning up

Waste of this product is not defined as hazardous. Place spilled material in an appropriate container for disposal or incorporation into soils or garden. Avoid all possible sources of ignition. Avoid creating dusty conditions and prevent wind dispersal.

7. Handling and storage

7.1 Precautions for safe handling

Avoid creating dust when handling and prevent wind dispersal.

Avoid all possible sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Avoid contact with combustible materials.

Prevent excessive moisture pick-up.

7.3 Specific end use

The potting soil is meant to be used as a growing media for horticultural purposes (vegetables, flowers, trees...).

8. Exposure controls/personal protection

8.1 Control parameters

Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after of workday.

8.2 Exposure controls

Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

Personal protection:

Use appropriate protective clothing

Eye protection:

Protective eye ware (safety glasses) should be worn where dust levels are high enough to cause irritation.

Hand protection:

Use protective gloves or normally not necessary but suggested in cases of open wounds that are not appropriately protected.

Respiratory protection:

If dust is created use CE-approved respirator for nuisance dust of this type. Respirator selection must be based on known or anticipated exposure levels, the hazards of the products and the safe working limits of the selected respirator.

Thermal hazards:

None

Environmental exposure controls:

Not applicable

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Solid, earthy
Colour:	Dark brown to black
Odour:	Earthy odour
pH:	5.5 - 6.5
EC:	0.7-1.45 mS /cm

10. Stability and reactivity

10.1 Reactivity

Not applicable

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Hazardous polymerization: none known

10.4 Conditions to avoid

None known

10.5 Incompatible materials

Strong acids

10.6 Hazardous decomposition products

Does not occur except during pyrolysis.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity	No known significant effects or critical hazards
Irritation	Dust particles may cause slight irritation during inhalation or minor eye irritation
Corrosivity	No known significant effects or critical hazards
Sensitisation	Dust particles may cause slight irritation during inhalation or minor eye irritation
Repeated dose toxicity	No known significant effects or critical hazards
Carcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards
Toxicity for reproduction	No known significant effects or critical hazards

Delayed and immediate effects as well as chronic effects from short and long-term exposure: No known significant effects or critical hazards

Interactive effects: No known significant effects or critical hazards

12. Ecological information

12.1 Toxicity

Ecotoxicity: No known significant effects or critical hazards

12.2 Persistence and degradability

No known significant effects or critical hazards

12.3 Bio accumulative potential

No known significant effects or critical hazards

12.4 Mobility in soil

Not applicable

12.5 Other adverse effects

Not applicable

13. Disposal considerations

13.1 Waste treatment methods

Waste of this product is not defined as hazardous. Place spilled material in an appropriate container for disposal or incorporation into soils or garden. Avoid all possible sources of ignition. Avoid creating dusty conditions and prevent wind dispersal.

14. Transport information

Not regulated.

Not classified as hazardous material according to UN Orange Book and international transport codes (ADR (road), RID (rail), AND (inland waterways), IMDG (sea), ICAO (air)).

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No specific provisions

15.2 Chemical safety assessment

Not applicable

16. Other information

Product should be store, handled and used in accordance with good industrial hygiene practises and in conformity with any legal regulations. The information contained here is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.