

ILMENITE



LEUCOXENE



RUTILE



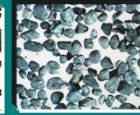
STAUROLITE



ZIRCON



ACTIVATED CARBON



SYNTHETIC RUTILE



TIWEST JOINT VENTURE

T E C H N I C A L D A T A S H E E T

FOR FURTHER INFORMATION CONTACT:
OUT OF HOURS:Operations Manager, Tiwest Joint Venture, Chandala Site, Brand Highway, P O Box 22, MUCHEA, WESTERN AUSTRALIA 6501
Tiwest Chandala Emergency Services - Telephone (08) 9571-9273

Telephone (08) 9571-9333 Facsimile (08) 9571-9344

Material Safety Data Sheet

Product

Product Name: Activated Carbon
 Ingredients: Carbon (80-90% C)
 Synonyms: Char, Coal Char, Activated Carbon
 Description: Black powdered, or granular material
 Uses: Absorbent, Water and Air purification
 Manufacturer: Tiwest Joint Venture
 Pack size: F.I.B.C. (Bulk Bag) and Multiwalled paper bags

Poison Schedule: Not allocated CLASS: Not allocated

HAZCHEM: Not allocated UN NO: Not allocated

TIWEST ACTIVATED CARBON HAS BEEN TESTED AND FOUND NOT TO BE SUBJECT TO CLASSIFICATION AS A PYROPHORIC, OR SELF HEATING SUBSTANCE. IT IS NOT SUBJECT TO IMDG CODE 4.2/U.N. 1362.

Health Hazard Information

Eye: Dust is a moderate eye irritant due to its abrasive action
 Inhalation: Low hazard. Exposure Standard (TWA) 10 mg/m³, for nuisance dust applies. Exposure may cause normal reactions such as coughing or sneezing
 Skin: Low hazard. Irritation may occur from prolonged exposure
 Ingestion: There are no known hazards caused by the accidental ingestion of very small amounts
 Hand washing prior to eating and drinking will prevent accidental ingestion

Precautions for use

Flammability: May present a dust explosion hazard
 Other Hazards: None known
 Ventilation: Maintain a well ventilated area. In enclosed spaces the activated carbon may absorb oxygen, resulting in an oxygen depleted atmosphere.
 Protective Equipment: Eye protection in the form of safety glasses or goggles, which comply with the relevant Standard
 Disposable particulate dust mask may be desirable
 Long sleeves and long leg clothing is recommended

First Aid Procedures

Eye: Irrigate with copious amount of clean water for 15 minutes. Seek medical attention
 Inhalation: Remove from dusty conditions until symptoms subside
 Skin: No specific first aid required
 Ingestion: Rinse mouth. If symptoms occur, seek medical attention

Safe Handling Procedures

Storage: Avoid direct contact with strong oxidising agents and keep separate from hydrocarbon storage or spills
 Spillage: Sweep or vacuum to prevent nuisance dust
 Waste Disposal: Incinerate, or may be dispose of in non-hazardous landfill
 Fire Explosion: Dust is explosible
 Extinguisher: Non combustible (do not use water)

Physical & Chemical Properties

Melting Boiling Point	Not applicable	Solubility (Water):	Insoluble
Evaporation Rate:	Not applicable	Vapour Pressure:	Not applicable
Specify Gravity:	Not determined	Vapour Density:	Not applicable
Flammability:	Combustible	pH:	Not applicable
Flashpoint:	Not applicable	% Volatiles:	Not determined
Explosion Limits upper:	Not determined	lower:	70 g /m ³ (Dust)
Bulk Density:	0.3-0.4 t / m ³	Other Properties	Non pyrophoric, Not self heating

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read the MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Revision #1, 8th April 2002

MSDS SHEETS/Activated Carbon-MSDS.doc