



**Omnia Specialities Australia Pty Ltd**

PO Box 3418, Morwell BC, Victoria 3841

Telephone: +61 3 5133 9118 • Facsimile: +61 3 5133 9114  
www.australianhumates.com • info@omnia.net.au

Emergency Telephone Number: Dr Sammy Heng

Telephone: +61 3 9574 8001 • Mobile: +61 4 1750 6819

After Hours: +61 4 1750 6819



# Material Safety Data Sheet

## IDENTIFICATION:

Product Name:	Granulated K-humate
Other Name:	Humates, humic acids, potassium humate
UN Number:	N/A
Hazchem Code:	N/A
Dangerous Goods Class:	N/A
Packaging Group:	N/A
Manufacturer's Product Code:	Granulated K-humate
Use:	Fertiliser, plant growth stimulant and soil conditioner

## PHYSICAL DESCRIPTION/PROPERTIES:

Appearance:	Dark brown to black coloured granules
pH:	10.0
Solubility in Water:	100%
Density (kg/l):	1.10
Volatiles (% w/w):	Not relevant
Flash Point (C):	Not relevant
Flammability Limits:	Low flammability will burn with assistance
Ingredients:	Water Brown coal Dilute alkali
Proportion:	100%

## **HEALTH HAZARD INFORMATION:**

Health Effects:

Acute:

- Swallowed: Small quantities not harmful.
- Eye: Dust causes mild eye irritation.  
Mild eye irritation, similar to soap.
- Skin: Mild irritant, slippery feel, similar to soap.
- Inhaled: Mild irritant.

Chronic:

There have been no reports in the literature of health effects in workers arising from long term exposure to this substance.

First Aid:

- Eye: Immediately irrigate with water or neutral saline solution. Seek medical attention.
- Skin: Wash off with clean running water.
- Inhaled: If dust inhaled, blow out and seek medical attention.

First Aid Facilities:

Water or neutral saline solution for eye wash.

Advice to Doctor:

Treatment would be supportive, as there is no specific antidote.

Reactivity Data:

Stable liquid with no hazardous decomposition products.  
No hazardous polymerisation.

## **PRECAUTIONS FOR USE:**

Personal Protection:

Dust mask and gloves recommended during handling of product.

Ventilation Requirement:

Not a volatile solid, no harmful gases given off.

## **SAFE HANDLING INFORMATION:**

Storage and Transport:

Store and transport in sealed containers below 40°C and above -10°C.

Spills and Disposal:

Dilute and wash away with large amounts of water.

Fire Explosion/Hazard:

Non flammable alkali-based product, it can only ignite with assistance.

Asphyxiation Hazard:

Not a volatile liquid. No harmful gases emitted unless dried powder is ignited in large amounts.

## **SAFE HANDLING INFORMATION:**

Contact: Dr Sammy Heng

Unit 10 17-19 Miles Street

MULGRAVE VIC 3170

Telephone: +61-3 9574 8001

Mobile: (04) 1750 6819

After Hours: +61-3 9887 8892

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