

Material Safety Data Sheet

BA390
Gerstley Borate

Company Details	Walker Ceramics 2/21 Research Drive, Croydon South, Victoria 3136, Australia Telephone (03) 8761 6322 Fax (03) 8761 6344 Email sales@walkerceramics.com.au Website www.walkerceramics.com.au Date Of Issue: April 2014
------------------------	---

IDENTIFICATION	
Product Name	Gerstley Borate
Other Names	Ulexite and Colemanite
Manufacturers Product Code	BA390
UN Number	None
Dangerous Goods Class & Subsidiary Code	None
Hazchem Code	None
Poisons Schedule Number	None
Use(s)	Used in ceramics and pottery.

PHYSICAL DESCRIPTION / PROPERTIES	
Appearance	Fine grey-white powder.
Boiling Point / Melting Point	Not applicable
Vapour Pressure	Not applicable
Specific Gravity	45,7-62.0 lbs/ft (bulk density)
Flashpoint	Not applicable
Flammability Limits	Not applicable
Solubility in Water	Slightly soluble
Other Properties	

INGREDIENTS		
Chemical Name	CAS Number	Proportion (%)
Gerstley Borate	1319-33-1	>95

HEALTH HAZARD INFORMATION	
Acute	
Swallowed	May cause irritation of the digestive tract
Eye	May cause irritation
Skin	May cause dryness and redness of the skin
Inhaled	May cause coughing and shortness of breath
Chronic	This product contains small amounts of arsenic; a chemical which with prolonged exposure has been known to cause cancer.

FIRST AID	
Swallowed	Observe individual; if symptoms develop, seek medical attention. Drink water to dilute material in stomach.
Eye	Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.
Skin	Wash with running water for at least 15 minutes. Seek medical attention
Inhaled	Move person to fresh air. Seek medical attention if irritation persists.
Advice To Doctor	Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards	No set standards. TLV TWA 5 mg/m ³ as dust ACGIH = American Conference of Governmental Industrial Hygienists. TWA = Time Weighted Average NOHSC =National Health & Safety Commission
Engineering Controls	Ensure workplace is well ventilated.
Personal Protection	Approved respirator to AS1715 to be worn, gloves, safety glasses and protective overalls. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Flammability	Not flammable under the conditions of use but the containers may burn.

SAFE HANDLING INFORMATION

Storage & Transport	Store and transport in accordance with all regulations. Keep tightly closed in a dry, cool and well-ventilated place. Not subject to hazardous substances labelling.
Spills & Disposal	Dispose of in accordance with all Local, State and Federal regulations by incineration or disposal to landfill.
Fire / Explosion Hazard	Fire-fighters should wear full protective clothing including self-contained breathing apparatus. Use water, foam or dry extinguishing media. Use equipment/media appropriate to surrounding fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

OTHER INFORMATION

AUSTRALIAN POISONS INFORMATION CENTRE
24 HOUR SERVICE 13 11 26
POLICE / FIRE / AMBULANCE 000

CONTACT POINT

Walker Ceramics 2/21 Research Drive, Croydon South, Victoria 3136, Australia
Telephone (03) 8761 6322 Fax (03) 8761 6344
Email sales@walkerceramics.com.au Website www.walkerceramics.com.au
Date Of Issue: April 2014

This MSDS summarises, at the date of issue, our best knowledge of the health & safety hazard information for this product, and in particular how to safely handle and use this product in the workplace. Since Walker Ceramics and its agents cannot anticipate or control the conditions under which this product may be used, each user must prior to usage, review this MSDS in the context of how the user intends to handle and use this product in the workplace.

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

Our responsibility for products sold, is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.