



Safety Data Sheet

Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

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Revision Date: 14.08.2009

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1. Identification of Products

Product Name:	Guardex Snap Initiator
Product Code:	20 35 597 050
Chemical Name:	Boric Acid
Other Names:	Boracid, Acid, O-Boric Acid

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

2. Composition

Ingredients:	Boric Acid
Weight %:	-
CAS Number:	10043-35-3
EINECS Number:	-
EEC Number:	233-139-2
Phrases:	-

3. Hazard Identification

This material has been classified for supply as: non hazardous.



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4. First Aid Measures

Skin Contact:

Drench the skin with plenty of water. Remove contaminated clothing and wash before re-use. If large areas of the skin are damaged or if irritation persists seek medical attention.

Eye Contact:

Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.

Ingestion:

Wash out mouth with water. DO NOT INDUCE VOMITING. If patient is conscious give water to drink. If patient feels unwell seek medical attention.

Immediate Treatment:

Symptomatic treatment.

Inhalation:

Remove from exposure, rest and keep warm.

In severe cases, or if recovery is not rapid or complete seek medical attention.

5. Fire Fighting Measures

Extinguishing Media:

Use extinguisher suitable to cause of fire.

Hazardous Combustion Products:

Material is a fire retardant.



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6. Accidental Release Measures

Use appropriate personal protective equipment as detailed in section 8.

Spillages and Leaks:

Avoid raising dust. Vacuum or sweep up and place in a suitable labelled container(s). Hold for disposal.

7. Handling and Storage

Handling:

General ventilation. Avoid creating dust.

Storage:

Keep this product in original, closed container when not in use. Store in a cool, dry, well ventilated area.



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8. Exposure Controls / Personal Protection

Exposure Limits:		Boric acid
8hr TWA	ppm	-
	mg/m ³ :	5
15min STEL	ppm	-
	mg/m ³ :	10
Authority:		Not assigned

General:

General room ventilation plus local exhaust should be used to maintain exposure below TLV. Eye wash and emergency shower facilities recommended. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment:

Respiratory:

Use respiratory protection for general dust inhalation protection.

Skin:

Wear rubber gloves when handling this product. Avoid contact with skin.

Eyes:

Wear goggles or safety glasses with side shields when handling this product.

9. Physical and Chemical Properties

Physical State:	Crystalline granules or power
Odour and appearance:	White, odourless
pH:	3.7 (4.7% solution @ 20 °C)
Melting point:	171 °C
Solubility in Water:	4.6% w/w of saturated solution @20 °C, 27.5% @100 °C)
Relative density:	ca 880kg/ m ³ :



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10. Stability and Reactivity

Stable under normal conditions.

11. Toxicological Information

Effects:

Solid materials may cause mechanical irritation. The material in solution is of very low hazard (dilute solutions are ingredients of some eye lotions). No evidence of carcinogenicity is a 2-year feeding study with mice. Negative results in mutagenicity tests. Reproductive and development toxicity noted in animals fed large doses of borates over a prolonged period. No evidence of such effects in humans.

Oral LD10	200 mg/kg	(women). Unreported route of access-man.
Oral LD50	2600 mg.kg	(rat)

12. Ecological Information

Environmental Effects:

Boron is an essential micronutrient for plant growth, but in large quantities can be phytotoxic.

Mobility:

Soluble in water, and is leachable through normal soil.

Aquatic toxicity:

LC50 96h, Dab = 74mg B/1, LC50 24 day, Rainbow Trout (embriolarval stage) = 150mg B/1, LC50 25h, Daphina Manga = 242mg B/1 EC10 96h, Green Algae = 242mg B/1.



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13. Disposal Considerations

Disposal Method:

DO NOT put product, spilled product or filled or partially filled containers into the waste or waste compactor. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated product is regulated according to local and national disposal legislation.

Empty Containers:

DO NOT re-use container. Rinse thoroughly before discarding.

14. Transport Information

UN No:	Not regulated
Primary Hazard:	Not regulated
Packing Group:	Not regulated
Hazard ID No:	Not regulated
Class:	Not regulated
EAC:	Not regulated

15. Regulatory Information

Product name:	SNAP initiator
Hazard symbol:	N/A
Risk Phrases:	N/A
Safety Phrases:	N/A



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16. Other Information

Recommended uses and restrictions:

No further information.

Further information sources:

HSE Guidance note CS17.

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list, EH40, ACIGH tables.

Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.