

REVISION DATE: 07/02/2018



SAFETY DATA SHEET

BORIC ACID

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	BORIC ACID
CAS-No.	10043-35-3
EU INDEX NO.	005-007-00-2
EC No.	233-139-2
SUPPLIER	Butts of Bawtry Station Yard Station Road Bawtry Doncaster South Yorkshire DN10 6QD www.buttsofbawtry.com

2 HAZARDS IDENTIFICATION

CLASSIFICATION (67/548)	Repr. Cat. 2; R60, R61	
CLASSIFICATION (EC 1272/2008)	Physical	Not classified.
	Health	Repr. 1B - H360FD
	Environmental	Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD	Danger
HAZARD STATEMENTS	

	H360FD	May damage fertility or the unborn child.
PRECAUTIONARY STATEMENTS	P202	Do not handle until all safety precautions have been read and understood.
	P308/313	IF exposed or concerned: Get medical advice/attention.

3 COMPOSITION/INFORMATION ON INGREDIENTS

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	3

4 FIRST-AID MEASURES

INHALATION

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BORIC ACID

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation. Provide good ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Butyl rubber gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear rubber apron. Wear rubber footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

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BORIC ACID**APPEARANCE**

Crystals or crystalline Solid

COLOUR

White

SOLUBILITY

Soluble in water.

VOL. WEIGHT

61.83

MELTING POINT (°C)

171

RELATIVE DENSITY

1.51

**pH-VALUE, DILUTED
SOLUTION**

5.1 1

**PARTITION COEFFICIENT
(N-Octanol/Water)**

-0.7570

**SOLUBILITY VALUE (g/100g
H₂O@20°C)**

4.7

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

MATERIALS TO AVOID

Strong reducing agents. Strong acids.

11 TOXICOLOGICAL INFORMATION**TOXIC DOSE 1 - LD 50**

3500 - 4100 mg/kg (oral rat)

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause stomach pain or vomiting.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

OTHER HEALTH EFFECTS

Toxic to Reproductive Health Category 1.

SPECIFIC EFFECTS

Contains a substance/a group of substances with possible risk of harm to the unborn child and with possible risk of impaired fertility.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. EC 50, 48 Hrs, DAPHNIA, mg/l 133

MOBILITY

The product is soluble in water.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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BORIC ACID**14 TRANSPORT INFORMATION**

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION**EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Classified according to ATP 30 or ATP 31 (Annex 1 to CLP).

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION DATE	07/02/2018
REV. NO./REPL. SDS	01
GENERATED	
SDS NO.	3673
SAFETY DATA SHEET STATUS	
Approved.	
DATE	07/02/2018
SIGNATURE	