

# MATERIAL SAFETY DATA SHEET

**NAME OF MANUFACTURER / SUPPLIER**

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**REVISION DATE 11.03.2013**

## **1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION**

<i>PRODUCT NAME</i>	BORAX JEWELLERS FLUX CONES
CAS-No.	See section 3 Composition/information on ingredients
EC (EINECS) No.	See section 3 Composition/information on ingredients
SYNONYMS, TRADE NAMES	BORAX JEWELLERS FLUX CONES, JEWELLERS CONES, BORAX CONES
APPLICATION	FLUX FOR SOLDERING PRECIOUS METALS
CONTACT & EMERGENCY	CONTACT DETAILS ABOVE

## **2 HAZARDS IDENTIFICATION**

CLASSIFICATION (67/548)	R22; R62; R63; R48/21
CLASSIFICATION 9EC 1272/2008	
	Physical Not Classified
	Health H303
	Environmental Not Classified
HAZARD STATEMENTS	H303 Harmful if swallowed.
PRECAUTIONERY STATEMENT	
	P281 Use of personal protective equipment is required
	P305 +P351 +338 If , in the unlikely hood of ingress into eyes, rinse cautiously with water for several minutes.
	P308+P313 If exposed or concerned obtain medical advice/attention
	P264 Wash thoroughly after handling

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	1303-96-4	EC (EINECS) No.	215-540-4
CAS NO.	10043-35-3	EC (EINECS) No.	233-139-2

The Borax Cone is a solid object and used in the correct manner to which it was designed should not present any hazard. The information given is mainly based on the majority of the components. Should the Borax Cone be damaged and be reduced to a powder, the details in section 2 should be adhered to.

It should also be noted that the cone in it's form is unlikely in normal use to be reduced to a powder or present any hazard.

### 4 FIRST AID MEASURES

INHALATION	Not Applicable
INJECTION	Not Applicable
SKIN CONTACT	See Precautionary Statement. Note. It is recommended that after use, hands should be washed.
EYE CONTACT	Not Applicable

### 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	The product is not flammable. Use of fire-extinguisher appropriate for surrounding materials.
SPECIFIC HAZARDS	Oxides of Carbon
PROTECTIVE	Self contained breathing apparatus & protective clothing must be worn in case of fire

### 6 ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS	See Section 8
ENVIRONMENTAL PRECAUTIONS	In the unlikely event of cones being released from cases, contain to avoid release into watercourses. IF released into watercourse, Immediately notify the Environmental Agency or other appropriate regulatory body.

### 7 HANDLING & STORAGE

USAGE PRECAUTIONS	Avoid over handling which may lead to dust formation
STORAGE PRECAUTIONS	Keep in original wrapping and or containers until required. KEEP DRY

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT	As the Borax Cones are individually wrapped, it is not necessary to handle until use
ENGINEERING MEASURE	Not Applicable
RESPIRATORY EQUIPMENT	No Specific recommendation made
HAND PROTECTION	Use suitable gloves if extensive use is required
EYE PROTECTION	Not Applicable
HYGEINE MEASURES	Wash hands after use and before eating, smoking and using the toilet. When using do not eat or smoke  Smoke.

## 9 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	Solid Cone wrapped in a paper cover
COLOUR	White
ODOUR	Odourless
WEIGHT	4oz Approx

## 10 STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions and recommended use
CONDITIONS TO AVOID	Avoid excessive heat for prolonged periods of time
MATERIALS TO AVOID	Strong reducing agents. Alkali Metals
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of Carbon

## 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 – LD50	4500 – 5000 mg/kg (oral rat)
INHALATION	Not Applicable
INJECTION	May cause internal injury
SKIN CONTACT	Continual exposure may irritate skin
EYE CONTACT	Not Applicable
SPECIFIC EFFECTS	Contains a substance/group of substances with possible risk of harm to unborn child and with a possible risk of impaired fertility, however consuming the solid material and or parts thereof is unlikely.

## 12 ECOLOGICAL INFORMATION

ECOTOXICITY The product components are not classified as environmentally hazardous, however, this does not exclude the possibility of large or frequent spills can have a harmful or damaging affect on the environment.

LC 50, 96 Hrs, Fish mg/l 74

MOBILITY This product is soluble in water

## 13 DISPOSAL CONSIDERATIONS

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

DISPOSAL METHODS Disposal of waste and residues in accordance with Local Authority Requirements

## 14 TRANSPORT INFORMATION

GENERAL This 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 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.

### STAUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply ) Regulations 2009 (S.I 2009 No.716)

### APPROVAL CODE OF PRACTICE

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

## 15 REGULATORY INFORMATION CONTINUED

### GUIDANCE NOTES

Workplace Exposure Limits EH40 CHIP for everyone HSG (108)

## 16 OTHER INFORMATION

ISSUED BY

G Foulkes

REVISION DATE

11th March 2013