



# FLUORIDE NO 2

## PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

## ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination.

## SPILL CLEAN UP METHODS

Collect in containers and seal securely.

## 7 HANDLING AND STORAGE

### HANDLING

Read and follow manufacturer's recommendations.

### STORAGE

Keep in original container.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
BORACIC ACID	ACGIH		2 mg/m <sup>3</sup>		6 mg/m <sup>3</sup>	A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classified as a Human Carcinogen

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid
COLOR	Pink
ODOR	Odorless
SOLUBILITY	Soluble in water.

## 10 STABILITY AND REACTIVITY

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION



DOT PROPER SHIPPING NAME	CORROSIVE SOLID, N.O.S. (ZIRCONIUM (IV) OXYCHLORIDE OCTAHYDRATE, SULPHAMIC ACID)		
DOT PROPER SHIPPING NAME	CORROSIVE SOLID, N.O.S. (ZIRCONIUM (IV) OXYCHLORIDE OCTAHYDRATE, SULPHAMIC ACID)		
IDENTIFICATION No.	1759	TUNNEL RESTRICTION CODE	(E)
CEFIC TEC(R) NO.	80GC10-II+III	UN NO. SEA	1759
IMDG CLASS	8	IMDG PACK GR.	III
EMS	F-A, S-B	UN NO. AIR	1759
ICAO CLASS	8	AIR PACK GR.	III

## 15 REGULATORY INFORMATION

**FLUORIDE NO 2**

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
BORACIC ACID	No	No		Yes				
ZIRCONIUM (IV) OXYCHLORIDE OCTAHYDRATE	No	No						
ERIOCHROME CYANINE	DSL	Yes						

COMPONENT	TSCA 12(b) Export Notification
BORACIC ACID	No
ZIRCONIUM (IV) OXYCHLORIDE OCTAHYDRATE	No
ERIOCHROME CYANINE	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
BORACIC ACID		Not Listed	No
ZIRCONIUM (IV) OXYCHLORIDE OCTAHYDRATE		Not Listed	No
ERIOCHROME CYANINE		Not Listed	No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
BORACIC ACID	Not Listed
ZIRCONIUM (IV) OXYCHLORIDE OCTAHYDRATE	Not Listed
ERIOCHROME CYANINE	Not Listed

US STATE REGULATIONS

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
BORACIC ACID	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
ZIRCONIUM (IV) OXYCHLORIDE OCTAHYDRATE	13520-92-8	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
ERIOCHROME CYANINE	3564-18-9	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**16 OTHER INFORMATION**

VERSION No. 1

SAFETY DATA SHEET STATUS

Approved.

DATE 8 Jan 2010

SIGNATURE D Ellis

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.