



## HEALTH AND SAFETY DATA SHEET

### 6. Accidental release measures.

Personal precautions:	Wear appropriate PPE see section 8
Environmental precautions:	Prevent the material from entering the drains and watercourses. If the material enters these areas then inform the appropriate authorities.
Clean up procedure:	Bund or absorb the material with sand, earth or suitable absorbent material. If possible transfer to a salvage tank, otherwise absorb residues and place in a suitable labelled containers and hold for waste disposal. Wash the affected area with plenty of water.

### 7. Handling and storage

Handling:	Good general ventilation required Keep away from eyes and skin.
Storage:	Temperature range: Ambient Keep away from: See section 10 Suitable storage media: Tightly sealed original containers.

### 8 Exposure controls/personal protection

- Exposure standards:	Sodium fluoride 2.5mg/m <sup>3</sup> per 8hr TWA OES
	Sodium sulphate 10.0mg/m <sup>3</sup> per 8hr TWA Total
	Povidone BP 10.0mg/m <sup>3</sup> per 8hr TWA Total

#### Personal protection equipment:

Respiratory:	Type approved RPE for dusts.
Hand:	Rubber gloves
Eye:	Chemical goggles
Skin:	Overalls and boots

### 9 Physical and chemical properties:

Appearance:	Plain white 10.5mm n/c biconvex tablets.
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### 10 Stability and reactivity

Stability:	Stable in normal conditions of use
Conditions to avoid:	Heat
Materials to avoid:	Acids, glass
Hazardous decomposition product:	Hydrogen fluoride

### 11 Toxicological information

Toxic by inhalation and ingestion. Causes severe irritation or a burn to eyes and skin, the effect is increased by moisture and perspiration. Symptoms of exposure include headaches, nausea and difficulty in breathing, abdominal pains, convulsions, weakness, abnormal heart rhythms and localized burns. The material is not considered to be carcinogenic. Positive mutagenic activity has been reported in experimental animal tests.

LD <sub>50</sub>	75mg/kg		
LD <sub>50</sub>	80mg/kg	ORAL RAT	300mg/kg SKIN MOUSE

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### PRODUCT NAME:

**Sodium Fluoride 450mg Tablets**

### 12 Ecological information

Environmental effects

Mobility: Soluble in water.

Aquatic toxicity: LC50 419mg/l Fish 96hrs.

### 13 Disposal considerations

Substance:

Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container:

As for substance

### 14 Transport information

UN Number 1690

Class 6.1

Primary hazard Toxic

Packing group 111

Emergency action code 2Z

H.I. Number 60

Marine pollutant Yes

Proper shipping name: Sodium Fluoride 450mg tablets

### 15 Regulatory information

Supply label

Hazardous

Symbols

T, Toxic

Risk phrases:

R25,32,36/38 Toxic if swallowed, Contact with acids liberates very toxic gas, irritating to eyes and skin.

Safety phrases:

S1/2, 7/8, 22, 24/25, 45 Keep locked up and out of the reach of children, Keep container tightly closed and dry. Do not breathe dust, Avoid contact with skin and eyes, In case of accident or if you feel unwell, seek medical advice immediately.

E.C number

231-667-8

Additional labelling:

Use of this material may be governed by the following regulations: ( users are advised to consult these regulations for further information)  
COSHH, COMAH



## **HEALTH AND SAFETY DATA SHEET**

**SODIUM FLUORIDE 450mg TABLETS**

### **16 Other information**

**List of relevant Risk phrases:**

**R25 Toxic if swallowed**

**R32 Contact with acids liberates very toxic gas**

**R36/38 Irritating to eyes and skin.**

**Information Sources : Suppliers Safety Data Sheets.**

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