

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME: BLUE SOUR****DATE: March 7, 2009****SUPPLIER:**

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**PRODUCT USE:** Laundry neutraliser**II. HAZARDS IDENTIFICATION****Hazard classification of product according to Directive 1999/45/EC:** T; Toxic**Hazards for humans:** Toxic by inhalation, in contact with skin and if swallowed.**Hazards for environment:** Not applicable.**III. COMPOSITION/ INFORMATION ON INGREDIENTS**

<b>Chemical Identity:</b>	<b>Index #</b>	<b>EINECS #</b>	<b>CAS #</b>	<b>% Conc.</b>	<b>Toxicity</b>
Disodium hexafluorosilicate	009-012-00-0	240-934-8	16893-85-9	40 - 70	T; R23/24/25

**Ingredients according to Directive 2004/648/EC**  
None

**IV. FIRST AID MEASURES****Contact with skin:** Wash exposed area with soap and water and rinse well.**Contact with eyes:** Flush with plenty of water. Get medical attention if irritation persists.**Inhalation:** Remove to fresh air. Obtain medical attention if irritation persists.**Ingestion:** If victim is conscious, give two glasses of water to drink. Call a physician. Do not give anything by mouth to an unconscious person.**V. FIRE FIGHTING MEASURES****Conditions of flammability:** Not flammable.**Means of extinction:** Not applicable.**Hazardous combustion products:** Combustion can produce acid gases (hydrogen fluoride).**Unusual fire and explosion hazards:** None**VI. ACCIDENTAL RELEASE MEASURES****Procedures to be followed in case of spills or leaks:** Small amounts - Flush with water.

Large amounts - Contain spill and collect into waste container. Flush spill area with water.

**Personal protective equipment to be used:** Protective gloves and safety glasses.**VII. HANDLING AND STORAGE****Special handling procedures and equipment:** Not applicable.**Specific storage requirements:** Not applicable.**VIII. EXPOSURE CONTROL/PERSONAL PROTECTION****Respiratory Protection:** Dust mask if necessary.**Protective Gloves:** Nitril or neoprene.**Eye Protection:** Safety glasses.**Additional Protective Equipment:** Not applicable.**Ventilation:** Use with adequate ventilation.**IX. PHYSICAL AND CHEMICAL PROPERTIES****Flashpoint and method of determination:** Not applicable.**Flammable limits (% in air):** LOWER: Not applicable. UPPER: Not applicable.**Auto-Ignition temp.:** Not applicable.**Physical State:** Powder**Vapour density:** Not applicable.**Coefficient of n-octanol/water distribution:** Not determined.**Odour:** None**Boiling Point:** Not applicable.**Specific Gravity:** Not applicable.**Freezing Point:** Not applicable.

# MATERIAL SAFETY DATA SHEET

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**Vapour Pressure:** Not applicable.

**pH:** 3.5 (1% solution)

**Evaporation Rate:** Not applicable.

**Colour:** Blue.

**Solubility in water:** Complete

**Odour threshold:** Not applicable.

## X. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions. Hazardous polymerization will not occur.

**Incompatible substances:** Avoid strong oxidizing and reducing agents and strong alkaline materials.

**Conditions of reactivity:** Avoid contamination with reactive substances.

**Hazardous decomposition products:** None

## XI. TOXICOLOGICAL INFORMATION

**Probable route of exposure:** Skin, eyes and ingestion.

**Exposure Limits:** LD<sub>50</sub> (Calculated) 250 mg/kg

**Effect of acute and chronic exposure to product:** Toxic by inhalation, in contact with skin and if swallowed.

**Irritating:** No

**Sensitisation to product:** No

**Carcinogenicity:** Data not available.

**Reproductive toxicity:** Data not available.

**Teratotoxicity:** Data not available.

**Mutagenicity:** Data not available.

**Name of toxicologically synergistic product(s):** Data not available.

## XII. ECOLOGICAL CONSIDERATIONS

**Environmental toxicity information:** Data not available.

## XIII. DISPOSAL CONSIDERATIONS

**For the product:** EC disposal code №:

20 01 29 (Detergents containing dangerous substances).

**For the packaging:** EC disposal code №:

15 01 02 (plastic packaging). Can be recycled.

## XIV. TRANSPORT INFORMATION

### CARRIAGE BY ROAD (CROSSING BORDERS) ADR/RID:

**ADR/RID Class:** 6.1 T5  
**Hazard Identification Number:** 60  
**UN Number:** 2674  
**Packing group:** III  
**Label:** 6  
**UN proper shipping name:** SODIUM FLUOROSILICATE

### TRANSPORT BY SEA IMDG:

**IMDG Class:** 6.1  
**UN Number:** 2674  
**Packing group:** III  
**EMS Number:** F-A, S-A  
**Label:** Not applicable.  
**Marine pollutant:** No  
**UN proper shipping name:** SODIUM FLUOROSILICATE

### TRANSPORT BY AIR ICAO-TI and IATA-DGR:

**ICAO/IATA Class:** 6.1  
**UN Number:** 2674  
**Packing group:** III  
**Label:** Not applicable.  
**Packing instructions:** 619 & Y619  
**UN proper shipping name:** SODIUM FLUOROSILICATE

**XV. REGULATORY INFORMATION**

**Inventory Status:** TSCA (USA), CEPA (Canada, DSL), EINECS (EU), China, TCCL (Korea, KECI), RA 6969 (Philippines, PICCS), NICNAS (Australia, AICS), IEC (Japan).

**WHMIS CLASSIFICATION:** Class D1b



**Danger symbol:** T; toxic



**Risk phrases: 23/24/25** Toxic by inhalation, in contact with skin and if swallowed.

**Safety phrases: 26** In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

**45** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**XVI. OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian *Controlled Products Regulations* and the MSDS contains all the information required by the Canadian *Controlled Products Regulations*.

This Material Safety Data Sheet is in conformation with Directive 1907/2006 (REACH) and local legislation.

R-Sentences of ingredients in paragraph II:

**23/24/25** Toxic by inhalation, in contact with skin and if swallowed.

**Replaces: M.S.D. dated:** March 7, 2006

**Version:** 8

**Changes to the MSDS in this revision: sections 1, 2, 3, 8, 15, 16**

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