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MATERIAL SAFETY DATA SHEET

Section 1- PRODUCT IDENTIFICATION

COMPOSITION NaF	PRODUCT NAME Sodium Fluoride
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Section 2- HAZARDOUS INGREDIENTS

Note: Products under normal conditions do not represent an inhalation, ingestion or contact health hazard.

MATERIAL OR COMPONENT	CAS NUMBER	WT%	EXPOSURE LIMITS	
			OSHA PEL (Mg/M3)	ACGIH TLV(MG/M3)
Sodium Fluoride	15096-52-3	100	NOT SET (as fluoride 2.5mg/M3)	NOT SET

Section 3- PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS) <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input type="checkbox"/> Gas <input type="checkbox"/> Other	APPEARANCE AND ODOR Colorless Crystals, White Powder
MELTING POINT (BASE METAL) 988 degrees C	SPECIFIC GRAVITY 2.558g/cc

Section 4- FIRE AND EXPLOSION

Flash Point (Method Used) N/A	Flammable Limits Non-Flammable	LEL N/A	UEL N/A
EXTINGUISHING MEDIA Dry Chemical, CO2			
SPECIAL FIRE FIGHTING PROCEDURES Wear SCBA when fighting chemical fires.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

Section 5- REACTIVITY DATA

STABILITY

Stable

INCOMPATIBILITY (MATERIALS TO AVOID)

Acid, Acid fumes, Reducing agents

CONDITIONS TO AVOID

Heat

HAZARDOUS DECOMPOSITION PRODUCTS

Unknown – may emit F – and Na₂O when heated to decomposition

Section 6- HEALTH HAZARD GUIDE

MAJOR EXPOSURE HAZARD

Inhalation **Skin** **Skin Absorption** **Eye Contact** **Ingestion**

EFFECTS OF OVEREXPOSURE

Can cause or aggravate attacks of asthma.

EMERGENCY & FIRST AID PROCEDURES

Induce Vomiting

Section 7- SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCEDURES

Sweep or scoop up to remove

WASTE DISPOSAL METHODS

Dispose of with normal refuse

Section 8- SPECIAL PROTECTION

RESPIRATORY

Inorganic fluorides are generally considered highly irritating. Irritation of mucus membrane and respiratory tract will result from inhalation. May cause skin irritation.

VENTILATION

Remove to fresh air

EYE PROTECTION & PROTECTIVE CLOTHING

Use safety glasses when handling. Use neoprene gloves. Wash thoroughly after handling.

Section 9- SPECIAL PRECAUTIONS

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