

SODIUM FLUOROACETATE

0484

October 1997

CAS No: 62-74-8
 RTECS No: AH9100000
 UN No: 2629
 EC No: 607-169-00-5

Sodium fluoroacetic acid
 Fluoroacetic acid, sodium salt
 $C_2H_2FO_2 \cdot Na / CH_2FCOONa$
 Molecular mass: 100.02

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Not combustible. Gives off irritating or toxic fumes (or gases) in a fire.		In case of fire in the surroundings: all extinguishing agents allowed.
EXPLOSION			
EXPOSURE		PREVENT DISPERSION OF DUST! AVOID ALL CONTACT!	
Inhalation	Convulsions. Laboured breathing. Unconsciousness.	Local exhaust or breathing protection.	Fresh air, rest. Refer for medical attention.
Skin	MAY BE ABSORBED! (See Inhalation).	Protective gloves. Protective clothing.	Rinse skin with plenty of water or shower. Refer for medical attention.
Eyes		Face shield, or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion	(See Inhalation).	Do not eat, drink, or smoke during work.	Induce vomiting (ONLY IN CONSCIOUS PERSONS!). Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Evacuate danger area! Consult an expert! Sweep spilled substance into sealable containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place. (Extra personal protection: chemical protection suit including self-contained breathing apparatus).	<p>EU classification T+ Symbol N Symbol R: 26/27/28-50 S: (1/2-)13-22-36/37-45-61 Note: A</p> <p>UN classification UN Hazard Class: 6.1 UN Pack Group: I</p> <p>Unbreakable packaging; put breakable packaging into closed unbreakable container. Do not transport with food and feedstuffs.</p>

EMERGENCY RESPONSE	SAFE STORAGE
Transport Emergency Card: TEC (R)-61G11a	Separated from food and feedstuffs. Well closed.

IMPORTANT DATA

Physical State; Appearance

COLOURLESS SOLID IN VARIOUS FORMS.

Chemical dangers

The substance decomposes on heating or on burning producing toxic fumes including hydrogen fluoride.

Occupational exposure limits

TLV (as TWA): 0.05 mg/m³ (skin) (ACGIH 1995-1996).
MAK: 0.05 ppm (Inhalable fraction). Peak limitation category: II(4); skin absorption (H); Pregnancy risk group: C; (DFG 2006).

Routes of exposure

The substance can be absorbed into the body by inhalation, through the skin and by ingestion.

Inhalation risk

Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.

Effects of short-term exposure

The substance may cause effects on the cardiovascular system and central nervous system, resulting in cardiac disorders and respiratory failure. Exposure may result in death.

PHYSICAL PROPERTIES

Decomposes at 200 °C

Solubility in water: good

ENVIRONMENTAL DATA

NOTES

Compound 1080 is a trade name.

Card has been partially updated in July 2007: see Occupational Exposure Limits, EU Classification, Physical Properties.

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information