

FLUOROACETAMIDE

1434

October 2002

CAS No: 640-19-7
 RTECS No: AC1225000
 UN No: 2811
 EC No: 616-002-00-5

2-Fluoroacetamide
 Monofluoroacetamide
 Fluoroacetic acid amide
 C_2H_4FNO / FCH_2CONH_2
 Molecular mass: 77.06

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Gives off irritating or toxic fumes (or gases) in a fire.	NO contact with acid(s). NO contact with hot surfaces.	Powder, water spray, foam, carbon dioxide.
EXPLOSION			

EXPOSURE		PREVENT DISPERSION OF DUST!	IN ALL CASES CONSULT A DOCTOR!
Inhalation	Convulsions. Nausea. Vomiting.	Avoid inhalation of dust Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Artificial respiration may be needed. Refer for medical attention.
Skin	MAY BE ABSORBED!	Protective gloves. Protective clothing.	Remove contaminated clothes. 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	Abdominal pain. Nausea. Vomiting. Pupillary constriction, muscle cramps, excessive salivation.	Do not eat, drink, or smoke during work. Wash hands before eating.	Rinse mouth. Induce vomiting (ONLY IN CONSCIOUS PERSONS!). Give a slurry of activated charcoal in water to drink. Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Remove all ignition sources. Sweep spilled substance into covered containers. Carefully collect remainder, Do NOT let this chemical enter the environment. Chemical protection suit including self-contained breathing apparatus.	T+ Symbol R: 24-28 S: (1/2-)36/37-45 UN Hazard Class: 6.1 UN Pack Group: II

EMERGENCY RESPONSE	SAFE STORAGE
Transport Emergency Card: TEC (R)-61GT7-I NFPA Code: H4; F1; R0	Separated from acids.

IMPORTANT DATA

Physical State; Appearance

COLOURLESS CRYSTALLINE POWDER

Chemical dangers

The substance decomposes on heating or under the influence of acid(s) producing toxic fumes including nitrogen oxides.

Occupational exposure limits

TLV not established.

Routes of exposure

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

Inhalation risk

A harmful concentration of airborne particles can be reached quickly when dispersed.

Effects of short-term exposure

The substance may cause effects on the cardiovascular system, resulting in cardiac dysrhythmia and death. The effects may be delayed.

Effects of long-term or repeated exposure

Animal tests show that this substance possibly causes toxicity to human reproduction or development.

PHYSICAL PROPERTIES

Melting point: 107/C

Solubility in water: very good

Octanol/water partition coefficient as log Pow: -1.05

ENVIRONMENTAL DATA

This substance may be hazardous in the environment; special attention should be given to birds. This substance does enter the environment under normal use. Great care, however, should be given to avoid any additional release, e.g. through inappropriate disposal.

NOTES

Do NOT take working clothes home.

Card has been partly updated in April 2005. See section EU classification.

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible