

TRANSPORT EMERGENCY CARD Road transport

In accordance with SANS 10232-4

PROPER SHIPPING NAME

HYDROFLUORIC ACID SOLUTION

APPEARANCE

Clear, colorless liquid

UN-No.	1790
Class	8
Subsidiary risk	6.1
Packaging group	III
ERG No.	157

POTENTIAL HAZARD (DANGER)

TOXIC: Inhalation, ingestion or contact (skin eyes) with mist, vapour or aerosol may cause severe injury, burns or death.

Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

PERSONAL PROTECTIVE EQUIPMENT

Protective clothing; Protective gloves

Protective goggles or face shield

Eyewash bottle with clean water

Respiratory safety device that will allow driver to escape.

DRIVER INTERVENTION EQUIPMENT

Use extinguishing equipment suitable for surrounding fire.

Chemical protective clothing recommended by the manufacturer.

Sand or other absorbent

Shovel and broom.

DRIVER FIRST ACTIONS - Only if it can be carried out without personal risk

Contact Emergency Services

Stop the engine

Avoid contact with spilled material

DRIVER SPECIAL/ADDITIONAL ACTIONS - Only if it can be carried out without personal risk

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Cover with dry earth, dry sand or other non-combustible material and transfer to containers.

Prevent entry into waterways, sewers, basements or confined areas.

DRIVER ACTIONS IN CASE OF FIRE - Only if it can be carried out without personal risk

Use water spray or fog or alcohol resistant foam.

Move containers from fire area if you can do it without risk.

Dike fire-control water for later disposal; do not scatter the material.

FIRST AID

Call emergency medical services.

Ensure medical personnel are aware of the material involved and take precautions to protect themselves.

Remove and isolate contaminated clothing and shoes.

In case of contact with substance, flush with large amounts of water. For skin contact if calcium glutamate gel is available rinse for 5 minutes, then apply gel, otherwise continue rinsing until medical treatment is available. For eyes, flush with water or saline solution for 15 minutes.

Effects of exposure (inhalation, ingestion or skin contact) may be delayed.

SPECIAL INFORMATION FOR EMERGENCY SERVICES

Dry chemical, CO₂, alcohol-resistant foam or water spray.

Dike fire-control water for later disposal; do not scatter the material.

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

ADDITIONAL INFORMATION

Product name: NIOBIUM_HF

Supplier: du Bruyn Spectroscopic Solutions.

Emergency telephone number:

RSA: 086 100 0366

Namibia: 080 010 0366

Other: Local Emergency Services.

Prepared by de Bruyn Spectroscopic from the best knowledge currently available; no guarantee is provided that the information is sufficient or correct under all circumstances.

Date of issue: 31/08/2024

Revision date: 08/2027

Version: 1.0