

Material Safety Data Sheet

Revision Date: Oct 1, 2012

1. Identification of substance

Product Name: Nifuroxazide

Cat. Number: S4182

Selleck Chemicals

9330 Kirby drive, STE 200, Houston, TX 77054 USA

Manufacturer/Supplier: Toll Free : (877) 796-6397 (US and Canada only)

Tel : +1-832-582-8158

Fax : +1-832-582-8590

2. Composition/data on components

Chemical Name: Benzoic acid, 4-hydroxy-, 2-[(5-nitro-2-furanyl)methylene]hydrazide

Synonyms: N/A

**Hazardous
Ingredient:** Nifuroxazide

**CAS Registry
Number:** 965-52-6

Molecular Weight: 275.22

**Molecular
Formula:** $C_{12}H_9N_3O_5$

3. Hazard identification

**Hazard
Description:** Toxic. Contains a pharmaceutically active ingredient.
Handling should only be performed by personnel trained and familiar with handling of potent active pharmaceutical ingredients. Moderate to severe irritant to the skin and eyes.

4. First aid measures

After Inhalation: if inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration

After skin contact: flush with copious amounts of water; remove contaminated clothing and shoes; call a physician

After eye contact: check for and remove contact lenses and flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician

After swallowing: if swallowed, wash out mouth with copious amounts of water; call a physician

5. Fire fighting measures

Suitable extinguishing agents: water spray, carbon dioxide, dry chemical powder or foam

Protective equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire hazard: emits toxic fumes such as carbon monoxide, etc.

6. Accidental release measures

After Inhalation: cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves

Measures for cleaning/collecting absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

7. Handling

Information for safe handling avoid inhalation and contact with skin, eyes and clothing; material may be an irritant

8. Exposure controls and personal protection

Personal protective equipment as follows:

Breathing equipment: NIOSH/MSHA-approved respirator

Protection of hands: chemical-resistant rubber gloves

Eye protection: chemical safety goggles

9. Stability and reactivity

Stability: stable if stored as directed; avoid strong oxidizing agents

Thermal decomposition / conditions to be avoided: protect from light and heat

Dangerous products of decomposition: thermal decomposition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides

10. Toxicological information

RTECS#:

Acute toxicity: none known

Primary irritant effect: not known

On the skin: none known

On the eye: not known; may be an irritant

11. Ecological information

General notes: no data available

12. Disposal consideration

Dispose of in accordance with prevailing country, federal, state and local regulations

13. Transport information

DOT:

Proper shipping name: none

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

IATA class:

IATA class: none

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

14.Regulations

Code letter and hazard designation of product:

Hazard-determining components of labeling:

EU Risk And Safety phrases:

- S24/25: avoid contact with skin and eyes
- S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28: after contact with skin, wash immediately with plenty of water
- S36/37/39: wear protective clothing, gloves and eye/face protection
- R28: very toxic if swallowed
- R38: irritating to skin
- R41: risk of serious damages to eyes
- R48: toxic; danger of serious damage to health by prolonged exposure

R62: possible risk of impaired fertility

R63: possible risk of harm to unborn child

15.Other information

The above information is believed to be correct based on our present knowledge but does not purport to be complete. The product is for research use only and for trained personnel. The burden of safe use of this material rests entirely with the user. SELLECK CHEMICALS disclaims all liability for any damage resulting from use of this material.