

Nitazoxanide: sc-212397



The Power to Question

MATERIAL SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.
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Santa Cruz, California 95060
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CHEMICAL IDENTIFICATION

Product Code sc-212397

Product Name NITAZOXANIDE

Synonyms

COMPOSITION/INFORMATION ON INGREDIENTS

C.A.S. No 55981-09-4

Molecular Formula $C_{12}H_9N_3O_5S$

Formula Weight 307.28

Merck Index 6595

Product Group Antihypertensive

HAZARDS IDENTIFICATION

Not considered hazardous when handled under normal conditions with good house keeping.

Label precautionary statements:

S36/37 Wear suitable protective clothing and gloves.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

FIRST-AID MEASURES

In case of inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

In case of contact with skin:

Immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

In case of contact with eyes:

Immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical advice.

In case of ingestion:

If swallowed, wash out mouth with water, provided person is conscious. Seek medical advice.

Remove and wash/dispose of contaminated clothing promptly.

FIRE FIGHTING MEASURES

Extinguishing Media:

Carbon dioxide, dry chemical powder or appropriate foam. Water spray.

Unusual fire and explosion hazards:

Emits toxic fumes under fire conditions

Special fire fighting procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.

ACCIDENTAL RELEASE MEASURES

Ensuring personal safety, mark out contaminated area with signs and prevent unauthorised access. Turn leaking containers up to prevent further Evacuate area. Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves. Sweep-up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pick-up complete.

HANDLING AND STORAGE

Store under the following conditions: Store at -20° C.

EXPOSURE CONTROL/PERSONAL PROTECTION**Respiratory protection:**

required when dusts are generated.

Eye protection:

required.

Hand protection:

required.

Industrial hygiene:

Immediately change contaminated clothing. Wash hands and face after working with substance.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance White powder

Odour None

Melting Point 202

Solubility

STABILITY AND REACTIVITY**Conditions to be avoided:**

Unknown

Substances to be avoided:

Unknown

Hazardous decomposition products:

Unknown

TOXICOLOGICAL INFORMATION

LD50 1350 mg/kg orally (mice); >10 g/kg orally (rats)

ECOLOGICAL INFORMATION

Do not allow product to enter drinking water supplies, waste water or soil!

DISPOSAL CONSIDERATIONS

Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber.

Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product.

TRANSPORT INFORMATION

Classification:

UN Number:

REGULATORY INFORMATION

OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

Emergency Contact:

ChemWatch

Within the US & Canada: 877-715-9305

Outside the US & Canada: +800 2436 2255

(1-800-CHEMCALL) or call +613 9573 3112