

4-Desmethoxy Omeprazole: sc-210026



The Power to Question

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name: 4-Desmethoxy Omeprazole
Catalog number: sc-210026
Synonyms: 2-[[[(3,5-Dimethyl-2-pyridinyl)methyl]sulfinyl]-6-methoxy-1H-benzimidazole; H 180/29
CAS Number: 110374-16-8
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. Hazards Identification

Risk classification

Irritation on the skin (2)

Eye irritation (2)

Pictogram



H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause irritation to the respiratory tract.

Safety measures

P270 Do not eat, drink or smoke when using this product.
P261 Avoid breathing dust.
P264 Wash hands thoroughly after handling.
P271 Use only in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing, eye protection.
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P332+313 If skin irritation occurs, get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P304+340+312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351 IF IN EYES: Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container to hazardous or special waste-collection point.

3. Composition

4-Desmethoxy-omeprazole

CAS-nr: 110374-16-8

4. First aid measures

In case of contact, immediately flush eyes with copious amounts of water for several minutes. In case of contact, immediately wash skin with soap and plenty of water. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

5. Fire fighting measures.

Extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Unusual hazards: Emit toxic fumes of nitric oxides and sulphur dioxide.

6. Accidental release measures

Wear respirator, chemical safety goggles and rubber gloves. Sweep up, place in a bag and hold for disposal. Ventilate area and wash spill site after material pick up is complete.

7. Handling and storage

All handling of dangerous chemicals should be performed in a hood or well ventilated area. Store in a tightly closed container in a dry, dark place. Store at room temperature.

8. Exposure control/personal protection

Work in a well ventilated area. Use chemical safety goggles and compatible chemical resistant gloves. Use suitable respirator. Avoid contact with eyes, skin and clothing. Avoid prolonged and repeated exposure. Wash thoroughly after handling.

9. Physical and chemical properties

Form: Solid

Molecular Weight: 315.39

Molecular Formula: C₁₆H₁₇N₃O₂S

10. Stability and reactivity

Incompatible with strong oxidizing or reducing agents.

11. Toxicological information

Causes skin irritation. Causes serious eye irritation.

12. Ecotoxicological effects.

Not known.

13. Disposal considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and a scrubber. Observe all federal, state and local environmental regulations.

14. Transport information

IATA

UN nr: 2811, Toxic solid, organic, n.o.s.

Packing group: III

IMDG:

UN nr: 2811, Toxic solid, organic, n.o.s.

Packing group: III

ADR/RID:

Hazard class: 6 III

15. Regulatory information

This MSDS is set up according to EG regulation Nr 1907/2006.

16. 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.

2/6/2012