

Date: 25/03/11

1. Name of product and company

Chemical name: 2-[(3,5-Dimethyl-4-methoxy-pyridin-2-yl)-methylsulfo]-5-methoxybenzimidazole (Omeprazole)
CAS-nr: 73590-58-6

Uses: Laboratory chemical used as reference in omeprazole analysis.

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2. Hazards identification

Risk classification

Irritation on the skin (2)
Eye irritation (2)

Piktogram



H 315 Causes skin irritation.
H 319 Causes serious eye irritation.
H 335 May cause irritation to the respiratory tract.

Safety measures

P 270 Do not eat, drink or smoke when using this product.
P 261 Avoid breathing dust.
P 262 Do not get in eyes, on skin or on clothing.
P 264 Wash hands thoroughly after handling.
P 271 Use only in a well-ventilated area.
P 273 Avoid release to the environment.
P 280 Wear protective gloves / protective clothing, eye protection.

P 301 + 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.
2(3)

P304+340 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.

P 501 Dispose of contents/container to hazardous or special waste-collection point.

3. Composition

2-[(3,5-Dimethyl-4-methoxy-pyridin-2-yl)-methylsulfonyl]-5-methoxybenzimidazole
(Omeprazole)
CAS-nr: 73590-58-6 95 %

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.

8. Exposure control / personal protection

Work in a well ventilated areas. 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.

3(3)

9. Physical and chemical properties

Grey solid. Mp 156 °C. Easily soluble in methanol. Partly soluble in acetone. Very slightly soluble in water.

10. Stability and reactivity

Incompatible with acids. Incompatible with strong oxidizing or reducing agents.

11. Toxicological information

Oral LD50: (Mouse): 4000 mg/kg (Rat) 2210 mg/kg.

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 all inclusive and shall be used only as a guide.