



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Omeprazole USP

30-3445

Section 1: Identification

Product Name Omeprazole USP

Commercial Name Not available.

Product Use Not available

Restrictions On Use Not available

Product Code 30-3445

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:

CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Sensitization, skin Category 1
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) May cause an allergic skin reaction

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
Response	If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Storage	Not available
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Omeprazole USP

% By Weight 100

CAS# 73590-58-6

Molecular Weight 345.42 g/mole

Chemical Formula C17-H19-N3-O3-S

Synonym(s) Losec; Pepticum; Ulceral; Antra; Aulcer; Elgam; Omapren; Prilosec, Omeprazole sulfone

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Omeprazole USP	73590-58-6	100	Not available	Not available

Section 4: First-Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Eye Contact	Check for and remove any contact lenses. Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie belt or waistband. Get medical attention if symptoms occur.
Symptoms/Effects	
Acute	Pharmaceutical related compound of unknown potency. It is not known if occupational exposure may cause physiological effects.
Delayed	Pharmaceutical related compound of unknown potency. It is not known if occupational exposure may cause physiological effects.

Immediate Medical Attention

Provide general supportive measures and treat symptomatically.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Dry chemical powder, water spray, foam. Do not use water jet.

Unsuitable Extinguishing Media

Not available

Products of Combustion

No unusual fire or explosion hazards noted.

Firefighters Special Equipment and Precautions

Wear suitable protective equipment. Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6: Accidental Release Measures

Splash goggles, full suit, dust respirator, boots, gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product. Small Spill and leak: use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill and Leak: use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Handling: keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents. Storage: keep container tightly closed. Keep container in a cool, well ventilated area. Omeprazole is a non-hygroscopic substance at normal conditions of temperature and relative humidity. As a precautionary measure for storage, Omeprazole should be to be packed in double polythene bags, inside HDPE drums, containing a drying agent. Store in a well closed, light resistant container. Storage temperature maintain in between 2°C to 8°C. This material should be handled and stored as per label and other instruction to ensure product integrity.

Section 8: Exposure Controls/Personal Protection

Exposure Limits Not available.

Engineering Controls

Control exposures to below the occupational exposure level (if available). Select and use containment devices and personal protective equipment based on a risk assessment of exposure potential. Cover all containers for solutions and slurries while being transferred. For laboratory operations, use approved ventilation or containment system (biological safety cabinet, ventilated balance enclosure, glovebox).

No open handling.

Personal Protection

Eye/face protection: Wear safety glasses with side shields, chemical splash goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available. Hand protection: Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent. Consider double gloves. Other: Base the choice of skin protection on the job activity, potential for skin contact and solvents and reagents in use. Do not wear protective garments in common areas (e.g., cafeterias) or out-of-doors. Train employees in proper gowning and degowning practices. Wear disposable lab coat, disposable sleeve covers and two pair of gloves as appropriate for the task. Respiratory protection: Choose respiratory protection appropriate to the task and the level of existing engineering controls. Use a powered air-purifying respirator (PAPR) with HEPA filters, disposable outerware and head cover for spill cleanup. Thermal hazards: Wear appropriate thermal protective clothing, when necessary. General hygiene considerations: Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment. Pharmacological effects may be seen with occupational exposure.

Section 9: Physical and Chemical Properties

Appearance	White or almost white powder		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	Not available	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Not available		
Other	Molecular formula C17H19N3O4S Molecular weight 361.4		

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under normal conditions.
Hazardous Polymerization	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials. Sensitive to light
Incompatible Materials	Reactive with oxidizing agents.
Hazardous Decomposition Products	Carbon oxides (CO, CO2), nitrogen oxides (NO, NO2), sulfur oxides (SO2, SO3)

Section 11: Toxicological Information

RTECS	DD9087000
Acute Toxicity	Oral LD50-Oral Rat 3320 mg/kg LD50-Oral Mouse 1520 mg/kg LD50-Dermal Rat >928mn/kg LD50-Dermal Mice >928 bm/kg LC50/48hr- Daphnia magna 088ppb
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	May cause an allergic skin reaction.
Germ Cell Mutagenicity	Not available
Carcinogenicity	Not available.
Reproductive Toxicity	Not available.
Routes of Entry	Skin.



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Symptoms Related to Exposure

Headache. Gastrointestinal disturbances. Dizziness. Drowsiness. Cough. Weakness. Chills. Fever. Sore throat. Tiredness. Confusion. Anxiety. Blurred vision. Loss of appetite. Chest pain. Joint pain.

Potential Health Effects

Not available

Target Organ(s)

Not available

Section 12: Ecological Information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability

Hydrolyzes readily in acid pH, and rapidly undergoes photo degradation (complete in 3 hours)

Bioaccumulative Potential

No data available

Mobility in Soil

No data available

Other Adverse Effects

No data available

Section 13: Disposal Considerations

Waste Disposal

Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Disposal of Container

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Other Considerations

Not available

Section 14: Transport Information

DOT Classification

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Not listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052) Not regulated. SARA 302 Extremely hazardous substance Superfund Amendments and Reauthorization Act of 1986 (SARA) Not listed. YesSARA 311/312 Hazardous chemical Acute toxicity (any route of exposure) Respiratory or skin sensitization Classified hazard categories SARA 313 (TRI reporting) Not regulated. Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Not regulated. Safe Drinking Water Act (SDWA)

Other

Not available

Section 16: Other Information

Disclaimer; While the information provided in the MSDS is believed to be reliable, it is furnished without warranty of any kind. It shall be used only as a guide. We assume no liabilities from the use of information contained herein.