

SAFETY DATA SHEETS

This SDS packet was issued with item:

078389542

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078344652 078344660 078344678 078464761 078464779 078464787

Merial

GASTROGARD(R)

PRODUCT NUMBER(S): 36611

SECTION I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTITY (As Used on Label and List):
TRUE NAME: Omeprazole
TRADE NAME: GASTROGARD(R)
PRODUCT NUMBER(S): 36611
MANUFACTURER'S NAME AND ADDRESS: MERIAL, LIMITED
2100 RONSON ROAD
ISELIN, NEW JERSEY 08830-3077
EMERGENCY TELEPHONE NUMBER: CHEMTREC 1-800-424-9300
TELEPHONE NUMBER FOR INFORMATION: 1-888-MERIAL 1
(1-888-637-4251), Option 5
DATE PREPARED: 01 October 1998
SIGNATURE OF PREPARER (optional):

SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

COMPOSITION:
Hazardous Components
(Specific Chemical
Identity; Common
Name(s))

	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Omeprazole	Not Est.	Not Est.	Merck ECL 0.5 mg/m3	37
CAS Number: 73590-58-6				
Non-Hazardous Inert Ingredients	N/A	N/A	N/A	63

SECTION III - HAZARDS IDENTIFICATION

APPEARANCE AND ODOR: Smooth yellow to yellow-tan paste.
No odor noted.
OSHA/DOT HAZARD CLASSIFICATION(S): Not Applicable
POTENTIAL HEALTH HAZARDS:
INHALATION: Unlikely with normal use
INHALATION LD50: N/A
INGESTION (Rat):
ORAL LD50: 1,520 mg/kg
EYE: Direct Contact May Cause Irritation
SKIN: Unlikely with Normal Use
DERMAL LD50:

SECTION IV - FIRST AID MEASURES

SIGNS AND SYMPTOMS OF EXPOSURE:
EYE: Direct contact with the eye can cause irritation.
SKIN: Omeprazole is slightly irritating to the skin.
INHALATION: Not an expected route of exposure for this
product.
INGESTION: Omeprazole is non-toxic orally, might cause
diarrhea, headache, drowsiness, or rapid heart rate.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None
Known
EMERGENCY AND FIRST AID PROCEDURES:
EYE: Immediately flush with water for at least 15
minutes, get medical attention if irritation occurs.
SKIN: Immediately flush with soap and water, remove all
contaminated clothing. Get medical attention if
symptoms occur. Thoroughly clean all contaminated
clothing before reuse.
INHALATION: No emergency procedures required.
INGESTION: Get medical symptoms occur. DO NOT induce
vomiting unless directed by medical personnel.
NOTE TO PHYSICIAN: Omeprazole is a gastric acid secretion
inhibitor which degrades in acid environments such as the
stomach.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (deg C/deg F) (Method Used): Not Applicable
FLAMMABLE LIMITS: Not Applicable
LEL:
UEL:
EXTINGUISHING MEDIA: Use water spray, dry chemical, CO2,
halon, or foam.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear
self-contained breathing apparatus and full turnout
suits.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
For Transportation Related and Large Spills Call CHEMTREC
1-800-424-9300 For small spills, scoop-up all spilled
material and place in a sealed, liquid proof container
for disposal in accordance with Section XIII. Avoid
contact of spilled material with soils to prevent runoff
to surface waterways.

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid
contact with eyes and skin. No eating, drinking, or
smoking while using this product. Wash thoroughly after
use. Store at room temperature, 15 - 30 deg C/ 59 -86
deg F.
OTHER PRECAUTIONS: Keep this and all drugs out of the reach
of children.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION (Specify Type): Not necessary
VENTILATION: Not Necessary for this product
LOCAL EXHAUST:
MECHANICAL (General):
SPECIAL:
OTHER:
PROTECTIVE GLOVES: Latex or other impervious gloves
EYE PROTECTION: Safety glasses or goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No special
requirements.
WORK/HYGIENIC PRACTICES: No eating, drinking, or smoking
while using this product. Wash thoroughly after using.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT (deg C/deg F) (Method Used): Not applicable
FLAMMABLE LIMITS: Not applicable
LEL:
UEL:
APPEARANCE: Smooth yellow to yellow-tan paste.
BOILING POINT (deg C/deg F): Not Applicable
SPECIFIC GRAVITY (H2O = 1): Not Applicable
pH: Neutral
ODOR: None Noted
VAPOR PRESSURE (mm Hg.): Not Available
FREEZING/MELTING POINT (specify) (deg C/deg F): Not
Available
PHYSICAL STATE: Paste
VAPOR DENSITY (AIR = 1): Not Applicable
EVAPORATION RATE (Butyl Acetate = 1): Not Available
SOLUBILITY IN WATER: Insoluble

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SECTION X - STABILITY AND REACTIVITY DATA

STABILITY: Stable
 CONDITIONS TO AVOID:
 INCOMPATIBILITY (Materials to Avoid): None Known
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Exposure to fire will produce toxic gases including but not limited to SO₂, NO_x, CO, CO₂, formaldehyde, formic acid, and other complex decomposition products in smoke.
 HAZARDOUS POLYMERIZATION: Will Not Occur
 CONDITIONS TO AVOID:

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE DATA:
 INHALATION: Unlikely with normal use
 INHALATION LD50: N/A
 INGESTION (Rat):
 ORAL LD50: 1,520 mg/kg
 EYE: Direct Contact May Cause Irritation
 SKIN: Unlikely with Normal Use
 DERMAL LD50:
 TARGET ORGANS: None Know
 CARCINOGENICITY:
 NTP? Not Listed
 IARC MONOGRAPHS? Not Listed
 OSHA REGULATED? Not Listed
 SPECIAL STUDIES (epidemiology, carcinogenicity, other studies relevant to subject materials): None

SECTION XII - ECOLOGICAL INFORMATION

ECOTOXICITY (fish and invertebrates, plant life, birds, other):
 OMEPRAZOLE:
 LC50 (48 hours) FOR DAPHNIA MAGNA: 88.00 ppm. Harmful to aquatic organisms.
 ENVIRONMENTAL FATE (persistence, degradation, hydrolytic/photolytic stability, etc.): Omeprazole is only slightly soluble in water (1.3 mg/mL), hydrolyzes readily in acid pH, and rapidly undergoes photodegradation (complete in 3 hours). Omeprazole is not biodegradable. The log Kow = 2.38.

SECTION XIII - DISPOSAL CONSIDERATIONS

RESPONSIBILITY FOR PROPER WASTE DISPOSAL IS WITH THE OWNER OF THE WASTE.
 EPA/RCRA WASTE NUMBERS UNDER RCRA 40CFR 261: Not Regulated
 WASTE DISPOSAL METHOD: Incinerate in EPA approved facility.
 SPECIAL INSTRUCTION OR SPECIFIC LIMITATIONS: Minimized contact of spilled materials with soil and surface waterways.

SECTION XIV - TRANSPORT INFORMATION

TRANSPORTATION	GROUND	DOMESTIC	INT'L	OCEAN
		AIR	AIR	
SHIPPING NAME	NOT	REGULATED		
UN/ID NO.				
CLASS				
PACKING GRP				
LABELS				
MARKING				
PACKAGING INST				
DOCUMENTATION				
REFERENCE	49CFR	49CFR	IATA	IMDG

SECTION XV - REGULATORY INFORMATION

OSHA: 29 CFR 1910.1200
 DOT/IATA/IMDG: Not Regulated
 EPA/RCRA: Not Regulated
 FREIGHT CLASSIFICATION: Drugs or medicines, NOI, Class 70
 NMFC 60000 RVNX

SECTION XVI - OTHER

RIGHT TO KNOW HAZARD INFORMATION: (4=Severe Hazard; 3=Serious Hazard; 2=Moderate Hazard; 1=Slight Hazard; 0=Minimal Hazard)

HEALTH: 0
 FIRE: 0
 REACTIVITY: 0
 OTHER (Specify): 0

KEY/LEGENDS USED: "N/A" = Not Applicable; "Not Est." = Not Established

PREPARATION DATE: 01 October 1998

REVISION INFORMATION: Initial Version

OTHER:

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