

SAFETY DATA SHEET



Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300

All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: KETOCONAZOLE

SDS NO.8039

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ketoconazole

Synonyms: Ketoconazolium

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.

7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)

USA- 800-424-9300

All non-emergency calls should be directed to Customer Service at 800-662-3435

2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	<p>Acute Tox. 3 H301 Toxic if swallowed Repr. 1B H360 May damage fertility or the unborn child. STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure. Aquatic Acute 1 H400 Very toxic to aquatic life.</p>
Signal Word:	Danger
Hazard Statements:	<p>H301 Toxic if swallowed. H360 May damage fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.</p>

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
KETOCONAZOLE KETOCONAZOLUM	65277-42-1

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	In case of unconsciousness place patient stably in side position for transportation.
Ingestion	Not determined	Induce vomiting and call for medical help. Do not induce vomiting; immediately call for medical help.
Skin	Not determined	Immediately wash with water and soap and rinse thoroughly.
Eyes	Not determined	Rinse opened eye for several minutes under running water. Then consult a doctor.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not applicable
Auto Ignition:	Not determined
Extinguishing Media:	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam
Products of Combustion:	Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released : Nitrogen oxides (NO _x) Carbon monoxide (CO) Hydrogen chloride (HCl)
Fire Fighting Equipment and Procedures:	Wear self-contained respiratory protective device. Wear fully protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective equipment. Keep unprotected persons away. Wear protective clothing
Environmental Precautions:	Do not allow to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.
Method of Containment:	Not determined.
Method for Clean-Up:	Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Handling:	Open and handle receptacle with care.
Storage:	Store in cool, dry conditions in well-sealed receptacles.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Normal room ventilation is usually adequate under normal use.
Personal Protective Equipment (PPE)	Protective work clothes
Eye/Face Protection:	Not required
Skin Protection:	Protective gloves
Respiratory Protection	Filter P3
General Hygiene Considerations:	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately Be sure to clean skin thoroughly after work and before breaks.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Whitish	Upper/Lower Flammability:	Not Applicable
Odor:	Odorless	Vapor Pressure	Not Applicable
Odor Threshold:	Not determined	Vapor Density:	Not Applicable
pH:	Not Applicable	Relative Density:	Not Determined
Melting point /Freezing Point:	148-152°C (298-306°F) / Not Determined	Solubilities:	Insoluble
Boiling point/range:	Not Determined	Partition coefficient: n-octanol/water:	3.507 log POW
Flash point	Not Applicable	Auto-ignition temperature	Not Determined
Evaporation rate	Not Applicable	Decomposition Temperature:	Not Determined
Flammability:	Product is not flammable	Viscosity	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity:	Not Determined
Chemical Stability:	Not Determined
Possibility of Hazardous reactions:	No dangerous reactions known.
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	Nitrogen oxides (NO _x) Hydrogen chloride (HCl) Carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not Determined
Skin irritation:	No irritant effect.
Eye contact damage:	No irritating effect.
Respiratory damage:	Not Determined
Ingestion overdose:	Not Determined
Delayed, immediate, or chronic effects from short- and long-term exposure	Not Determined
LD50	618 mg/kg (mus) 166 mg/kg (rat)
Symptoms associated with exposure:	Not Determined
Carcinogenicity:	Not Determined
OSHA:	Substance is not listed.
NTP:	Substance is not listed.
IARC:	Substance is not listed.

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	No further relevant information available.
Chemical degradation:	No further relevant information available.
Biodegradation:	No further relevant information available.
Bioaccumulation potential	No further relevant information available.
Adsorption studies or leaching studies:	Not Determined
Other adverse effects	No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Must be specially treated adhering to official regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Hazardous
UN number:	UN2811
UN proper shipping name:	2811 Toxic solids, organic, n.o.s. (Ketoconazole Ketoconazolium), ENVIRONMENTALLY HAZARDOUS
Transport hazard class(es):	6.1 Toxic substances
Packing group number:	III
Environmental hazards:	Environmentally hazardous substance, solid; Marine Pollutant.
Special precautions:	Warning: Toxic substances

15. REGULATORY INFORMATION

No further relevant information available.

16. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.