

Section 1: Identification

Product Name VORICONAZOLE USP
Commercial Name N/A
Product Use Antifungal
Restrictions On Use N/A
Product Code 30-5286
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:
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) MAY BE HARMFUL IF SWALLOWED. MAYBE HARMFUL IN CONTACT WITH SKIN. CAUSES MILD SKIN IRRITATION. CAUSES EYE IRRITATION

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

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|-------------------|---|
| Prevention | DO NOT HANDLE UNIT ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT DURING PREGNANCY/WHILE NURSING. |
| Response | IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION. IF IN EYE: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKING WITH WATER/SHOWER. |
| Storage | KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND/OR HOT SURFACES. -NO SMOKING. |
| Disposal | N/A |

Section 3: Composition/Information on Ingredients

Substance/Mixture SUBSTANCE
Components VORICONAZOLE
% By Weight 100%
CAS# 137234-62-9
Molecular Weight 349.31
Chemical Formula C₁₆H₁₄F₃N₅O
Synonym(s) (2R,3S)-2-(2,4-difluorophenyl)-3-(5-fluoropyrimidin-4-yl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol

Mixtures

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|--------------|-------------|-------------|---------|-----------|
| VORICONAZOLE | 137234-62-9 | 100% | N/A | N/A |

Section 4: First-Aid Measures

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|------------------------------------|--|
| Inhalation | REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. CALL A PHYSICIAN IMMEDIATELY. |
| Skin Contact | WASH OFF IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. TAKEOFF ALL CONTAMINATED CLOTHING IMMEDIATELY. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS. |
| Eye Contact | IN CASE OF EYE CONTACT, REMOVE CONTACT LENS AND RINSE IMMEDIATELY WITH PLENTY OF WATER. ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION. |
| Ingestion | IF CONSCIOUS, GIVE THE VICTIM PLENTY OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN IMMEDIATELY. |
| Symptoms/Effects | |
| Acute | N/A |
| Delayed | N/A |
| Immediate Medical Attention | N/A |

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

CARBON DIOXIDE, DRY CHEMICAL POWDER. WATER SPRAY. AVOID SPILL INTO DRAINS, SURFACE AND GROUNDWATER AND SOIL.

Unsuitable Extinguishing Media

N/A

Products of Combustion

N/A

Firefighters Special Equipment and Precautions

WEAR SEFL-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS: USE PERSONAL PROTECTIVE EQUIPMENT. AVOID DUST FORMATION. AVOID BREATHING DUST. ENSURE ADEQUATE VENTILATION. EVACUATE PERSONNEL TO SAFE AREAS. ENVIRONMENTAL PRECAUTIONS: PREVENT FURTHER LEAKAGE OR SPILLAGE. DO NOT LET PRODUCT ENTER INTO DRAINS. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: PICK UP AND ARRANGE DISPOSAL WITHOUT CREATING DUST. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

Section 7: Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: AVOID FORMATION OF DUST AND AERSOLS. PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED. NORMAL MEASURES FOR PREVENTIVE FIRE PROTECTION. CONDITIONS FOR SAFE STORAGE: PRESERVE IN WELL CLOSED CONTAINERS AND STORE AT CONTROLLED ROOM TEMPERATURE I,E BETWEEN 20C AND 25C (EXCURSIONS ARE ALLOWED BETWEEN 15C AND 30C).

Section 8: Exposure Controls/Personal Protection

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| Exposure Limits | N/A |
| Engineering Controls | N/A |

Personal Protection

PERSONAL PROTECTIVE EQUIPMENT: GLASSES, GLOVES, RESPIRATOR, PARTICULATE ETC.
RESPIRATORY PROTECTION: WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE USE A FULL-FACE PARTICLE RESPIRATOR TYP N99 (US) OR TYPE P2 (EN 143) RESPIRATOR CARTRIDGES AS A BACKUP TO ENGINEERING CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF PROTECTION, USE A FULL-FACE SUPPLIED AIR RESPIRATOR. USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU). HAND PROTECTION: THE SELECTED PROTECTIVE GLOVES HAVE TO SATISFY THE SPECIFICATIONS OF EU DIRECTIVE 89/686/EEC AND THE STANDARD EN 374 DERIVED FROM IT. HANDLE WITH GLOVES. SKIN AND BODY PROTECTION: CHOOSE BODY PROTECTION ACCORDING TO THE AMOUNT AND CONCENTRATION OF THE DANGEROUS SUBSTANCE AT THE WORKPLACE. HYGIENE MEASURES: AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. WASH HANDS BEFORE BREAKS AND IMMEDIATELY AFTER HANDLING THE PRODUCT.

Section 9: Physical and Chemical Properties

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| Appearance | WHITE TO ALMOST WHITE POWDER | | |
| Odor | N/A | | |
| Odor Threshold | N/A | | |
| Melting Point | IN BETWEEN 129-134C | pH | N/A |
| Freezing Point | N/A | Vapor Pressure | N/A |
| Boiling Point/Range | N/A | Vapor Density | N/A |
| Decomposition temperature | N/A | Viscosity | N/A |
| Partition Coefficient: n-octanol/water | N/A | Evaporation Rate | N/A |
| Flash Point | N/A | Autoignition temperature | N/A |
| Flammability | N/A | Flammability or Explosive Limits: | |
| | | Lower | N/A |
| | | Upper | N/A |
| Solubility(ies) | FREELY SOLUBLE IN ACETONE AND METHYLENE CHLORIDE. VERY SLIGHTLY SOLUBLE IN WATER. | | |
| Other | N/A | | |

Section 10: Stability and Reactivity

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| Reactivity | N/A |
| Chemical Stability | STABLE UNDER RECOMMENDED STORAGE CONDITIONS |
| Hazardous Polymerization | N/A |
| Conditions to Avoid | NO DATA AVAILABLE |
| Incompatible Materials | STRONG OXIDIZING AGENTS |
| Hazardous Decomposition Products | HAZARDOUS DECOMPOSITION PRODUCTS FORMED UNDER FIRE CONDITIONS. CARBON OXIDES, NITROGEN OXIDES (NOX) AND SULFATE COMPOUNDS |

Section 11: Toxicological Information

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|--|---|
| RTECS | N/A |
| Acute Toxicity | LETHAL DOSE LD50 (RAT) >300 MG/KG RAT DERMAL LD50>2000 MG/KG |
| Skin Corrosion/Irritation | N/A |
| Serious Eye Damage/Irritation | CAUSES MILD EYE IRRITATION |
| Respiratory or Skin Sensitization | MAY CAUSE IRRITATION |
| Germ Cell Mutagenicity | N/A |
| Carcinogenicity | VORICONAZOLE WAS NOT GENOTOXIC |
| Reproductive Toxicity | NO EFFECT ON FERTILITY IN MALE OR FEMALE RATS. EMBRYO FETAL AND NEONATAL LETHAL IN RATS BUT NOT TERATOGENIC |
| Routes of Entry | N/A |

Symptoms Related to Exposure

N/A

Potential Health Effects

N/A

Target Organ(s) N/A**Section 12: Ecological Information****Ecotoxicity**

N/A

Persistence and Degradability

N/A

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations**Waste Disposal**

OBSERVE ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS. CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURN AND SCRUBBER,

Disposal of Container

DISPOSE OF AS UNUSED PRODUCT.

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

NOT REGULATED FOR TRANSPORT UNDER USDOT, EUADR, IATA, OR IMDG REGULATIONS.

Section 15: Regulatory Information**Regulations**

THIS SAFETY DATA SHEET COMPLIES WITH THE REQUIREMENTS OF REGULATION (EC) NO. 1272/2008.

Other

N/A

Section 16: Other Information

N/A