

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: METFORMIN HYDROCHLORIDE

SDS NO.8342

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Metformin Hydrochloride

Synonyms:

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2A
Signal Word:	Warning
Hazard Statements:	H302 Harmful if swallowed H315 Causes skin irritation H319 Causes serious eye irritation

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
METFORMIN HYDROCHLORIDE	1115-70-4

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 transport
Ingestion	Not determined	Immediately call a doctor
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:	CO2, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Products of Combustion:	Nitrogen oxides (NOx) Hydrogen Chloride (HCl)
Fire Fighting Equipment and Procedures:	Wear self-contained respiratory protective device. Wear fully protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Not required
Environmental Precautions:	Do not allow to enter sewers/surface or ground water
Method of Containment & Clean-Up:	Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Handling:	No special precautions if used correctly.
Storage:	Store in cool, dry conditions in well-sealed receptacles. Product is hygroscopic.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	No further relevant information.
Personal Protective Equipment (PPE)	Protective work clothing.
Eye/Face Protection:	Tightly sealed goggles.
Skin Protection:	Protective gloves
Respiratory Protection	Suitable respiratory protective device recommended. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
General Hygiene Considerations:	Avoid contact with eyes and skin. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Crystalline, White	Upper/Lower Flammability:	Not Applicable
Odor:	Recognizable	Vapor Pressure @ 795°C (1,463°F):	Not Determined
Odor Threshold:	Not Determined	Vapor Density:	Not Applicable
pH:	Not applicable	Density at 20°C (68°F):	Not Determined
Melting point /Freezing Point:	222 – 226°C (432 – 439°F)	Solubilities:	Soluble (water)
Boiling point/range:	Not Determined	Partition coefficient: n-octanol/water:	Not Determined
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:	No further relevant information available.
Chemical Stability:	No further relevant information available.
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:	Possible in traces

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	
Skin irritation:	Irritant to skin and mucous membranes
Eye contact damage:	Causes serious eye irritation.
Respiratory damage:	Not Determined
Ingestion overdose:	Not Determined
Delayed, immediate, or chronic effects from short- and long-term exposure	No further relevant information available.
LD50 Oral:	1000mg/kg(mus)
 Dermal:	Not Determined
Symptoms associated with exposure:	No further relevant information available.
Carcinogenicity:	
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:	No further relevant information available.
Other adverse effects	Water hazard class 3: extremely hazardous for water.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

DOT Hazard Classification	
UN number:	Void
UN proper shipping name:	Void
Transport hazard class(es):	Void
Packing group number:	Void
Environmental hazards:	Void
Special precautions:	Void

15. REGULATORY INFORMATION

No further relevant information available.

16. OTHER INFORMATION

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