

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: MINOXIDIL

SDS NO.8116

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Minoxidil

Synonyms: Minoxidilum

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.


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2. HAZARD IDENTIFICATION

Pictogram:	 GHS07
Classification:	Acute Tox. 4 H302 Harmful if swallowed Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2A H319 Causes serious eye injury. Stot SE 3 H335 May cause respiratory irritation.
Signal Word:	Warning
Hazard Statements:	H315 Causes skin irritation. H319 Causes serious eye damage. H335 May cause respiratory irritation. H302 Harmful if swallowed.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
MINOXIDIL MINOXIDILUM	38304-91-5

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	Rinse mouth out then drink plenty of water. Seek medical treatment. 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. If symptoms persist, 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:	Carbon monoxide (CO) Nitrogen Oxides (NOx)
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:	Ensure adequate ventilation
Method for Clean-Up:	Not determined

7. HANDLING AND STORAGE

Handling:	No special precautions are necessary if used correctly
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:	Goggles
Skin Protection:	Protective gloves
Respiratory Protection	Suitable respiratory protective device recommended.
General Hygiene Considerations:	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Do not eat or drink while working. Be sure to clean skin thoroughly after work and before breaks. Avoid contact with eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Whitish	Upper/Lower Flammability:	Not Applicable
Odor:	Recognizable	Vapor Pressure	Not Applicable
Odor Threshold:	Not Determined	Vapor Density:	Not Applicable
pH:	Not Applicable	Relative Density:	Not Determined
Melting point /Freezing Point:	>240°C (>464°F) / Not Determined	Solubilities:	Insoluble
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:	>225°
Flammability:	Not Applicable	Viscosity	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity:	Not Determined
Chemical Stability:	Not Determined
Possibility of Hazardous reactions:	Reacts strong with oxidizing agents
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	Nitrogen oxides (NOx) Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Harmful if swallowed
Skin irritation:	Causes skin irritation
Eye contact damage:	Causes serious eye irritation
Respiratory damage:	Not Determined
Ingestion overdose:	Harmful if swallowed.
Delayed, immediate, or chronic effects from short- and long-term exposure	Not Determined
LD50	1000 mg/kg (Mouse) 1321 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

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:	Non-Hazardous
UN number:	Void
UN proper shipping name:	Void
Transport hazard class(es):	Void
Packing group number:	Void
Environmental hazards:	No
Special precautions:	Not applicable

REGULATORY INFORMATION

No further relevant information available.

15. 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.