

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: TRAMADOL HYDROCHLORIDE

SDS NO.8091

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Tramadol Hydrochloride

Synonyms: Tramadoli hydrochloridum

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.



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2. HAZARD IDENTIFICATION

Pictogram:	  GHS09 GHS07
Classification:	Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects. Acute Tox. 4 H302 Harmful if swallowed. Aquatic Acute 2 H401 Toxic to aquatic life
Signal Word:	Danger
Hazard Statements:	H411 Toxic to aquatic life with long lasting effects. H302 Harmful if swallowed. H401 Toxic to aquatic life

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
TRAMADOL HYDROCHLORIDE TRAMADOLI HYDROCHLORIDUM	36282-47-0

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Supply fresh air; consult doctor in case of complaints.
Ingestion	Not determined	Seek medical attention. Immediately call a doctor.
Skin	Not determined	Generally the product does not irritate the skin.
Eyes	Not determined	Rinse opened eye for several minutes under running water.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not applicable
Auto Ignition:	Not determined
Extinguishing Media:	Carbon dioxide, alcohol resistant foam, water spray, Fire-extinguishing powder.
Products of Combustion:	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:	Ensure adequate ventilation.
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:	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:	Not required.
Skin Protection:	Protective gloves
Respiratory Protection	Filter P1.
General Hygiene Considerations:	Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White	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:	180-184°C (356-363°F) / Not Determined	Solubilities:	Soluble
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:	Not Applicable	Viscosity	Not Applicable

10. STABILITY AND REACTIVITY

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

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	303 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:	LC50 (96h) 6.2 mg/l (Fish)
Chemical degradation:	No further relevant information available.
Biodegradation:	Not easily biodegradable.
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:	Not determined.
UN number:	UN2811
UN proper shipping name:	Toxic solids, organic, n.o.s. (Tramadol Hydrochloride Tramadoli hydrochloridum)
Transport hazard class(es):	6.1 Toxic substances
Packing group number:	III
Environmental hazards:	Environmentally hazardous substance, solid
Special precautions:	Warning: Toxic substances

15. REGULATORY INFORMATION

No further relevant information available.

16. OTHER INFORMATION

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