

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: CANTHARIDIN

SDS NO.8177

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cantharidin

Synonyms:

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:	  GHS07 GHS06
Classification:	Acute Tox. 1 Skin Irrit. 2 Eye Irrit. 2A STOT SE 3
Signal Word:	Danger
Hazard Statements:	H300 Fatal if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
CANTHARIDIN	56-25-7

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	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. If symptoms persist, 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:	Not Determined
Fire Fighting Equipment and Procedures:	No special measures required.

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:	Ensure adequate ventilation

7. HANDLING AND STORAGE

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

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	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:	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin Store protective clothing separately Wash hands before breaks and at the end of work

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid	Upper/Lower Flammability:	Not Applicable
Odor:	Characteristic	Vapor Pressure @ 795°C (1,463°F):	Not Applicable
Odor Threshold:	Not Determined	Vapor Density:	Not Applicable
pH:	Not Applicable	Density at 20°C (68°F):	Not Determined
Melting point /Freezing Point:	218°C (424°F) /Not Determined	Solubilities:	650 g/l
Boiling point/range:	110-16mbar°C (230-61mbar°F)	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 further relevant information available.
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not Determined
Skin irritation:	Irritant to skin and mucous membranes
Eye contact damage:	Irritating effect
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: Dermal:	Not Determined
Symptoms associated with exposure:	No further relevant information available.
Carcinogenicity:	No further relevant information available.
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	Not known to be hazardous to 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:	UN2811
UN proper shipping name:	Toxic solids, organic, n.o.s. (Cantharidin)
Transport hazard class(es):	6.1 Toxic Substances
Packing group number:	I
Environmental hazards:	Void
Special precautions:	Warning: Toxic substances

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.