

# 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: RIBOFLAVIN

SDS NO.8103

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Riboflavin

**Synonyms:** Riboflavinum

**Recommended Use:** No relevant information available.

**Manufacturer / Supplier:** Humco Holding Group, Inc.

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## 2. HAZARD IDENTIFICATION

<b>Pictogram:</b>	Void
<b>Classification:</b>	Substance is not classified according to the CLP regulation.
<b>Signal Word:</b>	Void
<b>Hazard Statements:</b>	void

## 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
RIBOFLAVIN	83-88-5
RIBOFLAVINUM	

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	Rinse out mouth and drink plenty of water.
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:	Water Foam
Products of Combustion:	Nitrogen oxides (NOx)
Fire Fighting Equipment and Procedures:	Wear self-contained respiratory device.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation.
Environmental Precautions:	Do not allow to enter sewers / surface or ground water.
Method of Containment:	Ensure adequate ventilation
Method for Clean-Up:	Pick up mechanically.

#### 7. HANDLING AND STORAGE

Handling:	Prevent formation of dust.
Storage:	Store in cool, dry conditions in well-sealed receptacles.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls:</b>	Normal room ventilation is usually adequate under normal use.
<b>Personal Protective Equipment (PPE)</b>	Protective work clothes
<b>Eye/Face Protection:</b>	Not required.
<b>Skin Protection:</b>	Protective gloves
<b>Respiratory Protection</b>	Fresh air mask.
<b>General Hygiene Considerations:</b>	The usual precautionary measures for handling chemicals should be followed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Light orange	<b>Upper/Lower Flammability:</b>	Not Applicable
<b>Odor:</b>	Odorless	<b>Vapor Pressure</b>	Not Applicable
<b>Odor Threshold:</b>	Not Determined	<b>Vapor Density:</b>	Not Applicable
<b>pH:</b>	Not Applicable	<b>Relative Density:</b>	Not Determined
<b>Melting point /Freezing Point:</b>	Not Determined	<b>Solubilities:</b>	Not Determined
<b>Boiling point/range:</b>	Not Determined	<b>Partition coefficient: n-octanol/water:</b>	Not Determined
<b>Flash point</b>	Not Applicable	<b>Auto-ignition temperature</b>	Not Determined
<b>Evaporation rate</b>	Not Applicable	<b>Decomposition Temperature:</b>	Not Determined
<b>Flammability:</b>	Not Applicable	<b>Viscosity</b>	Not Applicable

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Not Determined
<b>Chemical Stability:</b>	Not Determined
<b>Possibility of Hazardous reactions:</b>	Reacts with strong oxidizing agents. Reacts with strong acids and alkali.
<b>Conditions to Avoid:</b>	To avoid thermal decomposition do not overheat
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous Decomposition Products:</b>	Nitrogen oxides (NOx)

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	Not Determined
<b>Skin irritation:</b>	No irritating effect.
<b>Eye contact damage:</b>	No irritant effect.
<b>Respiratory damage:</b>	Not Determined
<b>Ingestion overdose:</b>	Not Determined
<b>Delayed, immediate, or chronic effects from short- and long-term exposure</b>	Not Determined
<b>LD50 (Oral)</b>	2,000 mg/kg (rat) 2,000 mg/kg (mus)
<b>Symptoms associated with exposure:</b>	Not Determined
<b>Carcinogenicity:</b>	Not Determined
<b>OSHA:</b>	Substance is not listed.
<b>NTP:</b>	Substance is not listed.
<b>IARC:</b>	Substance is not listed.

**12. ECOLOGICAL INFORMATION**

<b>Acute or chronic aquatic toxicity:</b>	No further relevant information available.
<b>Chemical degradation:</b>	No further relevant information available.
<b>Biodegradation:</b>	Easily biodegradable.
<b>Bioaccumulation potential</b>	Due to the distribution coefficient in n-octanol/water an accumulation in organisms is not expected.
<b>Adsorption studies or leaching studies:</b>	Not Determined
<b>Other adverse effects</b>	Slightly 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**

<b>DOT Hazard Classification:</b>	Non-Hazardous
<b>UN number:</b>	Void
<b>UN proper shipping name:</b>	Void
<b>Transport hazard class(es):</b>	Void
<b>Packing group number:</b>	Void
<b>Environmental hazards:</b>	No
<b>Special precautions:</b>	Not applicable

## **15. REGULATORY INFORMATION**

**No further relevant information available.**

## **16. OTHER INFORMATION**

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