

SUBSTANCE IDENTITY

Oxytocin

CAS NUMBER	50-56-6
MOLECULAR FORMULA	C43H66N12O12S2
MOLECULAR WEIGHT	1007.2 g/mol
PHYSICAL FORM	No data available.

SAFETY STATUS

Hazard classification has not been established for this record. This does not establish that the material is non-hazardous.

RESEARCH USE ONLY — NOT FOR HUMAN OR VETERINARY USE

01	IDENTIFICATION
PRODUCT NAME	Oxytocin
SCIENTIFIC NAME	Oxytocin
PRODUCT IDENTIFIER	OXY-005
STRENGTH	5 MG
RECOMMENDED USE	Laboratory Research
RESTRICTIONS ON USE	Not for Human or Veterinary Use
SUPPLIER	Rejuveo LLC
02	HAZARD IDENTIFICATION
GHS CLASSIFICATION	Classification has not been established for this record.
SIGNAL WORD	Not established.
HAZARD STATEMENTS	Not established.
The absence of available data does not establish that this material is non-hazardous.	
03	COMPOSITION / INFORMATION ON INGREDIENTS
CHEMICAL IDENTITY	Oxytocin; CAS 50-56-6
MOLECULAR FORMULA	C43H66N12O12S2
MOLECULAR WEIGHT	1007.2 g/mol
PURITY	See Lot-Specific Certificate of Analysis.
04	FIRST-AID MEASURES
INHALATION	Move to fresh air. Obtain medical attention if symptoms occur.
SKIN CONTACT	Wash affected area with soap and water. Remove contaminated clothing.
EYE CONTACT	Rinse cautiously with water for several minutes. Obtain medical attention if irritation persists.
INGESTION	Rinse mouth. Do not induce vomiting. Contact a medical professional or poison center.
Specific symptoms and delayed effects have not been established.	
05	FIRE-FIGHTING MEASURES
SUITABLE EXTINGUISHING MEDIA	Use extinguishing media appropriate for the surrounding fire.
SPECIFIC HAZARDS	No data available.
PROTECTIVE EQUIPMENT	Firefighters should use appropriate protective equipment and self-contained breathing apparatus.
06	ACCIDENTAL RELEASE MEASURES
PERSONAL PRECAUTIONS	Avoid dust or aerosol formation. Avoid contact with eyes, skin, and clothing. Use appropriate personal protective equipment.

ENVIRONMENTAL PRECAUTIONS	Prevent release to drains and the environment.
CLEANUP	Contain the material, collect without generating dust or aerosols, and place in a suitable closed container for disposal.
07 HANDLING AND STORAGE	
HANDLING	Handle using standard laboratory practices. Avoid contact and formation of dust or aerosols.
STORAGE CONDITIONS	Storage conditions have not been established for this record.
INCOMPATIBLE MATERIALS	No data available.
08 EXPOSURE CONTROLS / PERSONAL PROTECTION	
OCCUPATIONAL EXPOSURE LIMITS	Not established.
ENGINEERING CONTROLS	Use appropriate containment and laboratory ventilation for the procedure.
PERSONAL PROTECTION	Use laboratory coat, suitable protective gloves, and safety eyewear. Select respiratory protection through a site-specific risk assessment.
09 PHYSICAL AND CHEMICAL PROPERTIES	
PHYSICAL FORM	No data available.
SOLUBILITY	No data available.
APPEARANCE / ODOR	No data available.
PH / MELTING POINT / BOILING POINT	No data available.
10 STABILITY AND REACTIVITY	
REACTIVITY	No data available.
CHEMICAL STABILITY	Stability has not been established beyond the stated storage conditions.
HAZARDOUS REACTIONS	No data available.
CONDITIONS TO AVOID	Conditions inconsistent with the stated storage requirements.
11 TOXICOLOGICAL INFORMATION	
LIKELY ROUTES OF EXPOSURE	Inhalation, ingestion, eye contact, and skin contact.
ACUTE TOXICITY / LD50	No data available.
CHRONIC EFFECTS	No data available.
The absence of available data does not establish that this material is non-hazardous.	
12 ECOLOGICAL INFORMATION	
ECOTOXICITY	No data available.
PERSISTENCE AND DEGRADABILITY	No data available.
BIOACCUMULATIVE POTENTIAL / MOBILITY	No data available.
13 DISPOSAL CONSIDERATIONS	
DISPOSAL	Dispose of contents and container through a licensed waste service in accordance with applicable local, regional, and national regulations.
14 TRANSPORT INFORMATION	
UN NUMBER	Not established.
TRANSPORT HAZARD CLASS / PACKING GROUP	Not established.

ENVIRONMENTAL HAZARDS *No data available.*

Transport classification must be confirmed against the exact material, quantity, packaging, and destination regulations before shipment.

15 REGULATORY INFORMATION

REGULATORY STATUS No product-specific regulatory classification has been established in this record.

Users are responsible for identifying and complying with regulations applicable to their jurisdiction and laboratory use.

16 OTHER INFORMATION

SDS VERSION	1.0
REVISION DATE	2026-09-17
DOCUMENT ID	REJ-SDS-OXYTOCIN
IDENTITY DATA SOURCES	pubchem.ncbi.nlm.nih.gov

Identity references support product identification only and do not establish hazard classification. The information contained in this Safety Data Sheet is based on information believed to be accurate as of the revision date. Users are responsible for determining the suitability of this information for their specific laboratory application and for complying with applicable regulations.