

SAFETY DATA SHEET

Section 1: Identification	
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Product Name	9-Hydroxyrisperidone
CAT No.	AC456250000; AC456250010
CAS No.	144598-75-4
Synonyms	Paliperidone
Recommended Use	Laboratory chemicals
Uses Advised Against	Food, drug, pesticide or biocidal product use
Distributor	SOLA Pharmaceuticals 655 Highlandia Drive, Ste B Baton Rouge, LA. 70810 Tel: 866.747.7365 Fax: 800.754.9550 www.solameds.us info@solameds.us
NDC Number	70512-854-30 (1.5mg) 70512-855-30 (3mg) 70512-856-30 (6mg) 70512-857-30 (9mg)
Section 2: Hazard(s) Identification	
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Classification This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).	
Acute Oral Toxicity	Category 3
Label Elements	
Signal Word	Danger
Hazard Statements Toxic if swallowed	



Precautionary Statements

Prevention

Wash face, hands, and any exposed skin thoroughly after handling
Do not eat, drink, or smoke when using this product

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Rinse mouth

Storage

Store locked up

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

None Identified

Section 3: Composition/Information on Ingredients

Section 3, Composition/Information on Ingredients

Component	CAS No.	Weight %
9-Hydroxyrisperidone	144598-75-4	>95

Section 4: First-Aid Measures

Section 4, First-Aid Measures

General Advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Eye Contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.

Ingestion	Do NOT induce vomiting. Call a physician or poison control center immediately.
Most Important Symptoms And Effects	None reasonably foreseeable.
Notes to Physician	Treat symptomatically.

Section 5: Fire-Fighting Measures

Section 5, Fire-Fighting Measures

Suitable Extinguishing Media	Water spray, carbon dioxide (CO ₂), dry chemical, alcohol-resistant foam
Unsuitable Extinguishing Media	No information available
Flash Point	No information available
Method	No information available
Autoignition Temperature	No information available
Explosion Limits	
Upper	No data available
Lower	No data available
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available

Specific Hazards Arising from the Chemical
Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products
Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrogen Oxides (NO_x). Hydrogen fluoride

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release or irritating gases and vapors.

NFPA

Health	Flammability	Instability	Physical Hazards
3	1	0	N/A

Section 6: Accidental Release Measures

Section 6, Accidental Release Measures

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.
Environmental Precautions	Should not be released into the environment. See Section 12 for additional Ecological Information.
Methods for Containment And Clean Up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7: Handling and Storage

Section 7, Handling and Storage

Handling	Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Avoid dust formation. Use only under a chemical fume hood. Do not breathe (dust, vapor, mist, gas). Do not ingest. If swallowed, then seek immediate medical assistance.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible Materials. Strong oxidizing agents.

Section 8: Exposure Controls / Personal Protection

Section 8, Exposure Controls / Personal Protection

Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
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Personal Protective Equipment

Eye/Face Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.
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Skin and Body Protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
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Respiratory Protection	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
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Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
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Section 9: Physical and Chemical Properties

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Physical State	Solid
Appearance	Off-White
Odor	No information available
Odor Threshold	No information available
pH	No information available
Melting Point/Range	17°C / 339.8°F
Boiling Point/Range	No information available
Flash Point	No information available
Evaporation Rate	Not applicable
Flammability (solid, gas)	No information available
Upper	No data available
Lower	No data available

Vapor Pressure	No information available
Vapor Density	Not applicable
Specific Gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	Not applicable
Molecular Formula	C23 H27 F N4 O3
Molecular Weight	426.48

Section 10: Stability and Reactivity

Section 10, Stability and Reactivity

Reactive Hazard	None known, based on information available.
Stability	Stable under normal conditions.
Conditions to Avoid	Incompatible products. Excess heat.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Hydrogen fluoride
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

Section 11: Toxicological Information

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Acute Toxicity

Product Information

Oral LD50 Category 3. ATE = 50 – 300mg/kg

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
9-Hydroxyrisperidone	LD50: 65mg/kg (Rat)	Not listed	Not listed

Toxicologically Synergistic No information available

Products

Delayed and Immediate Effects As Well As Chronic Effects From Short and Long-Term Exposure

Irritation No information available

Sensitization No information available

Carcinogenicity	The table below indicates whether each Agency has listed any ingredient as a carcinogen.					
Component	CAS No.	IARC	NTP	ACGIH	OSHA	Mexico
9-Hydroxyrisperidone	144598-75-4	Not listed	Not listed	Not listed	Not listed	Not listed
Mutagenic Effects	No information available					
Reproductive Effects	No information available					
Developmental Effects	No information available					
Teratogenicity	No information available					
STOT – single exposure	None known					
STOT – repeated exposure	None known					
Aspiration Hazard	No information available					
Symptoms/effects, Both Acute and Delayed	No information available					
Endocrine Disruptor Information	No information available					
Other Adverse Effects	The toxicological properties have not been fully investigated					
Section 12: Ecological Information						
Section 12, Ecological Information						
Ecotoxicity Do not empty into drains.						
Persistence and Degradability	No information available					
Bioaccumulation/Accumulation	No information available					
Mobility	No information available					
Section 13: Disposal Considerations						
Section 13, Disposal Considerations						
Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.						
Section 14: Transport Information						
Section 14, Transport Information						
DOT						
UN-No	UN2811					
Proper Shipping Name	Toxic solid, organic, n.o.s.					

Technical Name	9-Hydroxyrisperidone
Hazard Class	6.1
Packing Group	III
TDG	
UN-No	UN2811
Proper Shipping Name	Toxic solid, organic, n.o.s.
Hazard Class	6.1
Packing Group	III
IATA	
UN-No	UN2811
Proper Shipping Name	Toxic solid, organic, n.o.s.
Hazard Class	6.1
Packing Group	III
IMDG/IMO	
UN-No	UN2811
Proper Shipping Name	Toxic solid, organic, n.o.s.
Hazard Class	6.1
Packing Group	III

Section 15: Regulatory Information

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United States of America Inventory

Component	CAS No.	TSCA	TSCA Inventory Notification – Active/Inactive	TSCA – EPA Regulatory Flags
9-Hydroxyrisperidone	144598-75-4	---	---	---

Legend:

TSCA US EPA (TSCA) – Toxic Substances Control Act; 40 CFR Part 710

X Listed

“---” Not listed

TSCA 12(b) – Notices of Export Not applicable

International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL)

Component	CAS No.	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
9-Hydroxyrisperidone	144598-75-4	---	---	---	---	---		---	---	---

KECL – NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

U.S. Federal Regulations

SARA 313 Not applicable

SARA 311/312 Hazard Categories See section 2 for more information

CWA (Clean Water Act) Not applicable

Clean Air Act Not applicable

OSHA – Occupational Safety And Health Administration Not applicable

CERCLA Not applicable

California Proposition 65 This product does not contain any Proposition 65 chemicals.

U.S. State Right-To-Know Regulations Not applicable

U. S. Department of Transportation

Reportable Quantity (RQ) N
DOT Marine Pollutant N
DOT Severe Marine Pollutant N

U.S. Department of Homeland Security This product does not contain any DSH chemicals.

Other International Regulations

Mexico – Grade No information available

Authorization/Restriction According to EU REACH

Safety, health, and environmental regulations/legislation specific for the substance or mixture

Component	CAS No.	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
9-Hydroxyrisperidone	144598-75-4	Not applicable	Not applicable	Not applicable	Not applicable

Component	CAS No.	Seveso III Directive (2012/18/EC) – Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) – Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
9-Hydroxyrisperidone	144598-75-4	Not Applicable	Not applicable	Not applicable	Not applicable

Section 16: Other Information**Section 16, Other Information**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.

SOLA shall not be held liable for any damage resulting from handling or from contact with the above product. SOLA reserves the right to revise this Safety Data Sheet.