



Material Safety Data Sheet

Product Name: O-Linked Cleavage Reagent – Vial H1
Product Code: GK50250
Composition: Hydrazine (anhydrous)
CAS #: 302-0
Hazard Identification: Hazardous, Toxic, Explosive, Corrosive
First Aid Measures: In case of contact:

Eyes - An antidote is a substance intended to counteract the effect of a poison. It should be administered only by a physician or trained emergency personnel. Medical advice can be obtained from a Poison Control Center. Flush eyes continuously with water for 15-20 minutes.

Skin - Remove contaminated clothing. If patient exhibits signs of shock, keep patient warm and quiet. Flush skin with water for 15-20 minutes. If no burns have occurred, use soap and water to cleanse skin.

Inhalation - Remove patient to fresh air. Administer oxygen if patient is having difficulty breathing. If patient has stopped breathing, administer CPR. Call a physician/medical assistance and continue CPR until medical assistance has arrived.

Ingestion - Do not administer liquids or induce vomiting to an unconscious or convulsing person. If patient is vomiting, watch closely to make sure airway does not become obstructed by vomit. OBTAIN MEDICAL ATTENTION.

— **IF IN DOUBT, SEEK MEDICAL ADVICE** —

Firefighting Measures: Carbon dioxide, dry chemical powder or spray.

Accidental Release Measures: Evacuate area. Wear appropriate OSHA regulated equipment. Ventilate area. Absorb on vermiculite or similar material. Sweep up and place in an appropriate container. Hold for disposal. Wash contaminated surfaces and remove residues.

Handling/Exposure Controls: This chemical should be handled only in a hood. Eye shields should be worn. Use appropriate approved safety equipment. Keep tightly closed in a cool dry place. Store only with compatible chemicals. Wear appropriate protective clothing (safety spectacles, gloves, laboratory coat) in accordance with Good Laboratory Practice.

Storage: Store at room temperature.

Physical and Chemical Properties: Colorless, ammonia-like liquid.

Stability and Reactivity: Combustible. Incompatible with strong oxidizing agents. Handle and store under nitrogen. Incompatible with strong acids. Corrosive. Corrodes copper and its alloys. Incompatible with iron and zinc and other light metals. Decomposition liberates toxic fumes. Air sensitive. Readily absorbed and retained on clothing and/or shoes. Sensitive to heat. Sensitive to light – dark color does not affect purity. Incompatible with plastics. Explosive. Strong reducing agent – avoid contact with easily reduced substances.

Toxicological Information:	Contact lenses should not be worn when handling. Avoid direct physical contact. Suspected carcinogen – may produce cancer. May be fatal if inhaled, swallowed, or absorbed through the skin. Can cause severe skin burns and can be rapidly absorbed through the skin with potential adverse health effects. Can cause eye irritation. Dust and/or vapors can cause irritation to respiratory tract. Can be irritating to mucous membranes. Can cause delayed lung injury. Exposure can cause liver damage, kidney damage, as well as nausea, headache, dizziness, and/or eye damage. Can cause blood disorders, convulsions, nervous system injuries. Can cause allergic skin reaction.
Ecological Information:	Data not available.
Disposal Information:	Burn in a chemical incinerator equipped with an afterburner and scrubber.
Transport Information:	Contact ProZyme for transportation information.
US Regulatory Information:	Not available.

The above information is supplied in good faith and is believed to be correct. It does not claim to be all-inclusive and is intended to be used only as a guide. Final determination of the suitability of any material is the sole responsibility of the user. ProZyme shall not be held responsible for any damage resulting from handling or contact with the above product. This product is intended for *in vitro* research only.