

Safety Data Sheet

Section 1 - Product Information									
Product Name: OPTI SPRAY						Supplier: Intercon Chemical Company			
Product Code Number: 8810			Information Phone: 314-771-6600			Address: 1100 Central Industrial Dr St. Louis, MO 63110			
Product use: Ophthalmic Neutral Spray			Emergency Contact: CHEMTREC 1-800-424-9300						
Section 2 - Hazard Identification									
GHS Classification: Eye Damage/Irritation - Category 2B									
Section 2.1 - Label Elements									
Hazard Pictogram:				Precautionary Statements:					
None				P264: Wash hands thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice or attention.					
Signal Word: Warning									
Hazard Statements: H320: Causes eye irritation.									
Section 3 - Composition									
Chemical Name				CAS #			Percent w/w		
Etidronic acid				2809-21-4			1 - 3		
Potassium hydroxide				1310-58-3			1 - 3		
Section 4 - First Aid Measures									
Skin contact: Rinse thoroughly with soap and water. If irritation occurs, seek medical advice.									
Eye contact: Flush with running water for at least 15 minutes. If eye irritation persists seek medical advice.									
Inhalation: Move to fresh air and keep comfortable for normal breathing.									
Ingestion: Drink milk or water to dilute material. Contact a POISON center or doctor if you feel unwell.									
Section 5 - Fire and Explosion Hazard Data									
Flash Point:		Limits		Extinguishing Media:		Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.			
NA		LEL: NA		Dry chemical, carbon dioxide, water spray, or alcohol foam if product involved.					
		UEL: NA							
Section 6 - Accidental Release Measures									
Mop up spills and flush to sewers with plenty of water. Floors may be slippery, use care to avoid falls.									
Section 7 - Handling and Storage									
For institutional and industrial use only, not intended for consumer use. Don appropriate PPE. Store upright in original closed container.									
Section 8 - Exposure Controls/PPE									
Ingredient		OSHA PEL:	ACGIH TLV:	PPE		General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.			
Etidronic acid		NA	NA	Respiratory: Not required					
Potassium hydroxide		2 mg/m ³	2 mg/m ³	Eye: Safety glasses					
				Skin: Water proof gloves					
				Ventilation: Normal room ventilation					
Section 9 - Physical and Chemical Properties									
Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
colorless to light yellow, liquid	Mild	NE	6 - 8	NE	212°F	>1.0 (water =1)	NA	NA	17mm (Hg)
Vapor Density	Density (lbs/gal)	Specific Gravity	pH (use dil)	Solubility (in water)	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
.62 (air = 1)	8.6	1.035	6 - 8	complete	NE	NA	thin	NE	

Section 10 - Stability and Reactivity								
Product is stable. Hazardous polymerization will not occur. It is incompatible with strong oxidizing agents. If burned normal combustion products such as Carbon Dioxide, Carbon Monoxide, and Nitrous Oxides may occur.								
Section 11- Toxicological Information								
Ingredient	Acute Toxicity (Oral LD50) Rat	Acute Toxicity (Derm. LD50) Rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOT - Single Exposure	STOT - Repeated exposure
Etidronic acid	3,130 mg/kg	7,940 mg/kg	Mild Skin Irritation; Severe Eye Irritation	NE	NE	NE	NE	NE
Potassium hydroxide	365 mg/kg	NE	Corrosive to Eyes and Skin	None	None	None	NE	NE
Section 12 - Ecological Information				Section 13 - Disposal Considerations				
Mixture not expected to be toxic to aquatic life.				The products covered by this SDS, in their original form, are not considered hazardous waste according to RCRA (40 CFR 261). Dispose of in accordance with applicable Federal, State, and Local regulations.				
Section 14 - Transport Information								
UN number	Basic Description (DOT)					Class	Packing Group	LTD QTY
	Not Regulated							
UN number	Basic Description (IATA)					Class	Packing Group	LTD QTY
	Not Regulated							
UN number	Basic Description (IMDG)					Class	Packing Group	LTD QTY
	Not Regulated							
Section 15 - Regulatory Information								
SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.								
CERCLA: Does not contain chemicals subject to reporting under CERCLA. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68								
California Prop 65:	This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins by the State of California. For more information, please go to www.p65warnings.ca.gov							
Section 16 - Other Information								
WHMIS: None			HMIS:	Health - 1	Flam. - 0	R - 0	PPE- A	
Date Prepared: 19 Nov 2025			Prepared by: Director of Technical Service, Research and Development					
The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.								
Legend for Abbreviations: GHS - Globally Harmonized System; CAS - Chemical Abstracts Service; NA - Not Applicable; MSHA - Mine Safety and Health Administration; NIOSH - National Institute for Occupational Safety and Health; TLV - threshold limit value; PPE - personal protection equipment; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; ACGIH - American Conference of Governmental and Industrial Hygienists; NE - Not Established; STOT - Specific Target Organ Toxicity; HMIS - Hazard Materials Identification System; NOEC - No Observed Effect Concentration; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; RQ - DOT Reportable Quantity; DOT - Department of Transportation (49 CFR parts 100 to 185); IATA - International Air Transport Association; IMDG - International Code for the maritime transport of Dangerous Goods; WHMIS - Workplace Hazardous Materials Information System (Canada).								