

# 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: CHEMTRAC 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. <b>UNUSUAL FIRE &amp; EXPLOSION HAZARD:</b> 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:													
Etidronic acid	NA	NA	Respiratory:	Not required		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.													
Potassium hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	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											
colorless to light yellow, liquid	Mild	NE	6 - 8	NE	212°F	>1.0 (water =1)	NA	NA											
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](http://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).