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Section 1 - IDENTIFICATION

TRADE NAME: Sodium Chloride Ophthalmic Solution, USP, 50mg/mL
Description: Sodium Chloride Ophthalmic Solution is a hypertonicity agent applied topically to the eye for temporary relief of corneal edema. It is a clear, colorless aqueous solution dispensed in a plastic bottle inside a cardboard box.

Composition	CAS#	TLV (mg/m³)	PEL (mg/m³)	%Content
Sodium Chloride	7647-14-5	Not Established	Not Established	5
Methylparaben	99-76-3	Not Established	Not Established	0.023%
Propylparaben	94-13-3	Not Established	Not Established	0.01%
Boric Acid	10043-35-3	Not Established	Not Established	< 1
Hypromellose	9004-65-3	Not Established	Not Established	< 1
Propylene Glycol	57-55-6	Not Established	Not Established	< 1
Sodium Borate	1303-96-4	Not Established	Not Established	< 1
Purified Water	7732-18-5	Not Established	Not Established	QS

Inactive ingredients: Sodium Hydroxide and/or Hydrochloric acid for pH adjustment
Common name of active ingredient: Sodium Chloride
Legal Category: Over-the-Counter Pharmaceutical preparation

Section 2 - HAZARDOUS INGREDIENTS

POTENTIAL HEALTH HAZARDS

Carcinogenicity: (NTP) No (IARC) No (OSHA) No
Eye: May cause irritation, temporary burning sensation and hypersensitivity
Skin: May cause irritation and hypersensitivity in some individuals
Ingestion: May cause irritation and hypersensitivity in some individuals
 Ingestion of large quantities can induce gastric disturbances.
Inhalation: May cause irritation and hypersensitivity in some individuals
Chronic Effects: May cause irritation and hypersensitivity
 Prolonged application can induce changes in vision.
Target Organs: Eyes and digestive tract
Medical Conditions Aggravated by Long Term Exposure: Hypersensitivity to any of the components of the product

Section 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance:	Clear, colorless solution	Boiling Point:	Not Established
Specific Gravity:	1.04 g/mL	Melting Point:	Not Applicable
Vapor Pressure (mmHg at 20°C):	Not Established		
Vapor Density (g/m³):	Not Established	Latex Free:	Yes
Evaporation Rate:	Not Established	Viscosity:	7.0 to 15.0 cps
Solubility in Water:	Miscible	pH:	6.0 to 8.0

Section 4 - FIRST AID MEASURES

Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 20 minutes. Consult an ophthalmologist or physician.

Skin: Remove contaminated clothing and clean before reuse. Wash exposed skin with plenty of soap and water. Seek medical attention if irritation develops.

Ingestion: Wash-out mouth and give plenty of water. Do not give anything to an unconscious person. Contact a physician or the Poison Control Center immediately.

Inhalation: Move individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide artificial respiration assistance (mouth-to-mouth) and call a physician immediately.

Section 5 - FIRE AND EXPLOSION HAZARD DATA

Flash point: Not Established

Auto-ignition Temperature: Not Established

Extinguishing Media: Use water spray, carbon dioxide, dry chemical, foam, or halon

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are expected

Fire Fighting Instructions: Wear self-contained breathing apparatus and protective clothing

Section 6 - STABILITY AND REACTIVITY DATA

Stability: Stable at normal temperatures and pressures

Conditions to avoid: Extreme heat or cold

Incompatibility: Strong acids, bases, alkali metals, alkali hydrides, silver preparations

Hazardous Decomposition: May emit toxic fumes when heated to decomposition

Hazardous Polymerization: Should not occur

Section 7 - PROTECTION INFORMATION

Ventilation and Engineering Controls: Follow standard medical product handling procedures.

Respiratory Protection: Not normally required for routine, medical administration

Eye Protection: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

Hand Protection: Use latex, nitrile, or rubber gloves. Wash hands before and after using.

Body Protection: No special body protection required for routine, medical administration

Contaminated Equipment: Wash contaminated clothing separately. Wash equipment with soap and water. Release rinse water into an approved wastewater system and according to Federal, State and Local regulations.

Section 8 - HANDLING AND STORAGE

Handling: Avoid contact with product. No special protective equipment or procedures are required in the clinical or home environment.

Storage: Store in original containers with the cap tightly closed at a controlled room temperature of 20° to 25°C (68° to 77° F).

KEEP THIS AND ALL DRUGS OUT OF THE REACH OF CHILDREN

Section 9 - ACCIDENTAL RELEASE MEASURES

Large/Small Spills: Use personal protective equipment. Use absorbent material to solidify the spill. Shovel or scoop up solidified waste. Dispose of material according to Federal, State and Local regulations.

Section 10 - TOXICOLOGY INFORMATION

Summary of Risk: Concentrations and toxicological effects are substantially reduced in the product. For more detailed information see MSDS on each chemical.

Section 11 - ECOLOGICAL INFORMATION

Chemical Fate Information: Product administered to patients presents a negligible impact on the environment.

Section 12 - REGULATORY INFORMATION

DOT Designations: Not classified as hazardous by DOT regulations
EPA Designations: RCRA Hazardous Waste (40 CFR 261.33) Not Listed
FDA Designations: OTC
NDC 17478-623-12
OSHA Designations: (29 CFR 1910.1000, Table Z) Not Listed
SARA Title III: Not listed under Section 313 of Toxic Release Reporting.
CALIFORNIA PROPOSITION 65: Not Listed

Section 13 - DISPOSAL INFORMATION

Dispose of material according to Federal, State, and Local regulations. The method typically used is incineration.

Section 14 - TRANSPORTATION INFORMATION

This material is not hazardous as defined by 49 CFR 172.101, U. S. Department of Transportation.

Section 15 - OTHER INFORMATION

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