

## MATERIAL SAFETY DATA SHEET

### SECTION 1. Chemical Product and Company Identification

Common Name: **Take Home Desensitizing Gel**  
 Manufacturer: CAO Group, Inc. CAS#: Mixture  
 4628 West Skyhawk Drive TSCA:  
 West Jordan, UT 84084  
 U.S.A.  
 Ph: 801.256.9282  
 Distributor: CAO (China) Medical  
 Equipment Co., Ltd.  
 No. 32 Cuiqing North Road  
 Langfang, Hebei, 065001  
 China  
 Ph: 316.607.2176  
 Commercial Name: Take Home Desensitizing Gel  
 Synonym: None  
 Chemical Name: Active Ingredient: Potassium Nitrate  
 Chemical Family: Not applicable  
 Chemical Formula: Not applicable

### SECTION 2. Composition and Information on Ingredients

Name	CAS#	wt%	OSHA PEL	ACGIH TLV
Potassium Nitrate	7757-79-1	3		

Toxicological Data: Potassium Nitrate: LD50 (oral) = 3750 mg/kg (rat)  
 LD50 (oral) = 1901 mg/kg (rabbit)

### SECTION 3. Hazards Identification

Potential Acute Health Effects: Irritating to eyes.  
 Potential Chronic Health Effects: Considered non-hazardous.

### SECTION 4. First Aid Measures

Eye Contact: Flush with plenty of water for 15 minutes. Contact a physician.  
 Skin Contact: Flush with plenty of water.  
 Inhalation: Considered non-hazardous  
 Ingestion: In large quantity overdose – seek medical attention

### SECTION 5. Fire and Explosion

Flammability: Not available  
 Auto-Ignition Temperature: Not applicable  
 Flash Points: Not applicable  
 Flammability Limits: Not applicable  
 Products of Combustion: Carbon monoxide, carbon dioxide, nitrogen oxides, oxygen.  
 Fire Hazards in Presence of Various Substances: Not available  
 Explosion Hazards in Presence of Various Substances: Not available  
 Fire Fighting Media and Instructions: Water spray or Class A extinguisher.  
 Special Remarks on Fire Hazards: Wear self-contained breathing apparatus and protective clothing to prevent eye and skin contact  
 Special Remarks on Explosion Hazards: Not available

### SECTION 6. Accidental Release Measures

Small Spill: Wipe up excess with wet cloth. Use wet cloth or mop to remove residual material.  
 Large Spill: Considered non-hazardous

### SECTION 7. Handling and Storage

Precautions: Do not expose the materials to excessive temperatures. Avoid contacting the material with skin or clothes.  
 Storage: Store the gel around 40°F/5°C in a dry environment. Do not heat above 100°F/38°C, or cool below 32°F/0°C.

### SECTION 8. Exposure Controls / Personal Protection

Engineering Controls: Ensure proper ventilation in the working area.  
 Personal Protection: Eye glasses, gloves, protective apron or smock.  
 Personal Protection in Case of Large Spills: Splash goggles, gloves, protective coat, boots, vapor respirator.  
 Exposure Limits: Not available

### SECTION 9. Physical and Chemical Properties

Physical State:	Viscous Gel	Color:	Clear gel
Molecular Weight:	Mixture	Vapor Pressure:	Not available
pH:	~7	Vapor Density:	Not available
Boiling Point:	Not available	Odor Threshold:	Not available
Melting Point:	Not available	Solubility:	Miscible
Critical	Not available	Incompatibility	none

Temperature:		with Various Substances	
Specific Gravity:	1.1	Dispersion Properties:	Not available
Odor:	none	lonicity:	Not available
Taste:	none		
<b>SECTION 10. Stability and Reactivity</b>			
Stability:	Stable		
Instability Temperature:	Not available		
Conditions of Instability:	stable		
Incompatibility with Various Substances	none		
Corrosivity:	Non-corrosive under normal conditions		
Special Remarks on Reactivity:	none		
Special Remarks on Corrosivity:	none		
Polymerization:	Not available		
<b>SECTION 11. Toxicological Information</b>			
Routes of Entry:	Eye contact, skin absorption, ingestion		
Toxicity to Animals:	Potassium Nitrate: LD50 (oral) = 3750 mg/kg (rat) LD50 (oral) = 1901 mg/kg (rabbit)		
Chronic Effects on Humans:	Not available		
Other Toxic Effects on Humans:	Not available		
Special Remarks on Toxicity to Animals:	Not available		
Special Remarks on Chronic Effects on Humans:	Not available		
Special Remarks on Toxic Effects on Humans:	May cause weakness and vomiting in large quantity overdose.		
<b>SECTION 12. Ecological Information</b>			
Ecotoxicity:	Not available		
BODS and COD:	Not available		
Products of Biodegradation:	Not available		
Toxicity of the Products of Biodegradation:	Not available		
Special Remarks on the Products of Biodegradation:	Not available		
<b>SECTION 13. Disposal Considerations</b>			
Waste Disposal:	Waste must be disposed of in accordance with national, regional, and municipal regulations:		

<b>SECTION 14. Transport Information</b>	
DOT Classification:	Class 6.1 Oxidizer
Identification:	Potassium Nitrate, UN1486
Special Provisions for Transport:	Not available
DOT Pictograms:	
<b>SECTION 15. Other Regulatory Information and Pictograms</b>	
Federal and State Regulations:	<p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.</p> <p>California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.</p> <p>Connecticut hazardous material survey.: Potassium Nitrate</p> <p>Illinois chemical safety act: Potassium Nitrate</p> <p>New York release reporting list: Potassium Nitrate</p> <p>Rhode Island RTK hazardous substances: Potassium Nitrate</p> <p>Pennsylvania RTK: Potassium Nitrate</p> <p>Massachusetts RTK: Potassium Nitrate</p> <p>Massachusetts spill list: Potassium Nitrate</p> <p>New Jersey: Potassium Nitrate</p> <p>New Jersey spill list: Potassium Nitrate</p> <p>Louisiana spill reporting: Potassium Nitrate</p> <p>California Director's List of Hazardous Substances: Potassium Nitrate</p> <p>TSCA 8(b) inventory: Potassium Nitrate TSCA 8(a) PAIR: Sodium fluoride</p> <p>CERCLA: Hazardous substances.: Potassium Nitrate: 1000 lbs. (453.6 kg)</p> <p>California Prop 65 Warnings: California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.</p> <p>California prop. 65: This product contains the</p>

following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

Other Regulations  
Other Classifications  
HMIS (USA)

Health	1
Fire	0
Physical Hazard	0

WHMIS(Canada)  
DSCL (Europe)  
TDG (Canada)



ADR (Europe)



Protective Equipment:



Gloves



Glasses

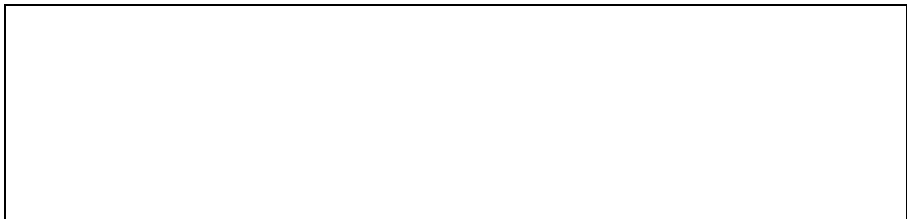


Protective Clothing

**SECTION 16. Other Information**

**Notice to Reader:**

This document is not intended to be all-inclusive. There may be situations or conditions where the use or combination of this product with other materials may result in a hazardous situation. This document applies only to the chemical as packaged. Whereas there may be unknown conditions or risks, it is the



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