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Loudwolf LW-NA2SO3-4

Loudwolf Sodium Sulfite Instruction Manual

Model: LW-NA2SO3-4

1. Product Overview

This product is 4 ounces (113 grams) of Sodium Sulfite (Na2SO3), also known as Disodium Sulfite, in fine powder form. It is 99.9% pure and food grade. Sodium Sulfite is a soluble sodium salt of sulfurous acid, commonly utilized as a preservative or to convert elemental halogens to their respective hydrohalic acids.



Figure 1.1: Front view of the Loudwolf Sodium Sulfite bottle, showing the brand name, chemical name (Sodium Sulfite, Na2SO3), quantity (4 Ounces / 113 Grams), texture (Fine Powder), and purity (99.9% Pure / Food Grade).

The product is supplied in a sturdy polypropylene plastic bottle. This material is natural, translucent, lightweight, durable, and chemically resistant. The screw-top is designed to be completely leakproof, and the bottle is sealed in

plastic with the screw-top shrink-wrapped to ensure product integrity.

2. Safety and Emergency Procedures

2.1 General Safety Information

Sodium Sulfite is a chemical substance. Always handle with care and follow standard laboratory or chemical handling safety protocols. Keep out of reach of children and pets. Avoid direct contact with skin and eyes. Do not ingest.



Figure 2.1: Back view of the Loudwolf Sodium Sulfite bottle, displaying hazard symbols including a GHS exclamation mark for irritant and a skull and crossbones for toxic, along with an NFPA 704 diamond indicating health hazard (2), flammability (0), and instability (0).



Figure 2.2: Another view of the back of the Loudwolf Sodium Sulfite bottle, detailing the UPC (640052707061), CAS# (7757-83-7), and explicit hazard warnings: **Toxic** and **Irritant**.

2.2 Emergency Procedures

In case of accidental exposure:

- **Skin Contact:** Wash affected area thoroughly with soap and water. If irritation persists, seek medical attention.
- **Eye Contact:** Rinse eyes immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek immediate medical attention.
- **Inhalation:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical attention.
- **Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Always consult the Safety Data Sheet (SDS) for comprehensive safety information.

3. Applications and Usage

Sodium Sulfite has hundreds of known uses across various industries. Its application depends on the specific requirements of the process. It is crucial to conduct your own research regarding its application to your specific purpose.



Figure 3.1: A close-up view of the fine powder texture of Sodium Sulfite, demonstrating its granular consistency as it is poured onto a dark surface.

Common applications include, but are not limited to:

- Food Preservative
- Paper Pulp Treatment
- Water Treatment
- Oxygen Scavenger Agent
- Photographic Processing
- Textile Bleaching
- Dechlorinization Agent
- Froth Flotation
- Leather Tanning
- Oil Recovery
- Chemical Manufacturing
- Dye Making

This is a food-grade chemical, and its purity assay meets or exceeds the standards set forth by the United States Pharmacopoeal Convention (USP) and Food Chemical Codex (FCC).

4. Storage and Handling

To maintain the quality and integrity of Sodium Sulfite, proper storage is essential:

- Store in a cool, dry place, away from direct sunlight and moisture.
- Keep the container tightly closed when not in use to prevent contamination and absorption of atmospheric oxygen or moisture.
- Store away from incompatible materials, such as strong acids and oxidizing agents.
- Ensure the storage area is well-ventilated.

The durable polypropylene bottle and leakproof screw-top are designed for secure storage. Always ensure the screw-top is completely sealed after each use.

5. Product Specifications

Attribute	Detail
Product Name	Sodium Sulfite
Chemical Formula	Na2SO3
Total Weight	4 Ounces (113 Grams)
Number of Bottles	1 Plastic Bottle
Texture	Fine Powder
Grade	99.9% Pure Food / Reagent Grade
CAS #	7757-83-7

Brand	Loudwolf
Manufacturer	Loudwolf Industrial & Scientific
Model Number (Part Number)	LW-NA2SO3-4
UPC	640052707061
Item Form	Powder
Package Information	Bottle

6. Warranty and Customer Support

Specific warranty information for Loudwolf Sodium Sulfite is not provided within this manual. For details regarding product warranty, returns, or customer support, please refer to the official Loudwolf website or contact the seller directly through your purchase platform.

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