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Material Safety Data Sheet

alpha-Naphtholphthalein, indicator MSDS

Section 1: Chemical Product and Company Identification

<p>Product Name: alpha-Naphtholphthalein, indicator</p> <p>Catalog Codes: 11001</p> <p>CAS#: 596-01-0</p> <p>RTECS: Not applicable</p> <p>TSCA: Not applicable</p> <p>Synonym: Not applicable</p> <p>Chemical Formula: C28H18O4</p>	<p>Contact Information:</p> <p>Finar Limited</p> <p>184-186/P, Chacharwadi Vasna, Sarkhej-Bavla Highway, Ta.: Sanand, Dist.: Ahmedabad, Email: info@finarchemicals.com Web: www.finarchemicals.com</p>
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Section 2: Composition and Information on Ingredients

Composition:		
Name	CAS #	%
alpha-Naphtholphthalein, indicator	596-01-0	100%

Section 3: Hazards Identification

<p>Emergency Overview</p> <p>Appearance: gray to brown solid.</p> <p>Caution! May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.</p> <p>Target Organs: None.</p> <p>Potential Health Effects</p> <p>Eye: Dust may cause mechanical irritation. The toxicological properties of this material have not been fully investigated.</p> <p>Skin: May cause skin irritation. The toxicological properties of this material have not been fully investigated.</p> <p>Ingestion: May cause digestive tract disturbances. The toxicological properties of this substance have not been fully investigated.</p> <p>Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.</p> <p>Chronic: Not available.</p>

Section 4: First Aid Measures

<p>Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.</p> <p>Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.</p> <p>Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious</p>

person. Get medical aid immediately.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Treat symptomatically and supportively.

Section 5: Fire and Explosion Data

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not available.

Autoignition Temperature: Not available.

Explosion Limits, Lower:Not available.

Upper: Not available.

Section 6: Accidental Release Measures

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

Section 7: Handling and Storage

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage:

Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Alpha-naphtholphthalein, indicator	none listed	none listed	none listed

OSHA Vacated PELs: Alpha-naphtholphthalein, indicator: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9: Physical and Chemical Properties

Physical State: Solid
Appearance: gray to brown
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.
Vapor Density: 14.43
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 238.00 - 240.00 deg C
Decomposition Temperature: Not available.
Solubility: Insoluble.
Specific Gravity/Density: Not available.
Molecular Formula: C₂₈H₁₈O₄
Molecular Weight: 418.45

Section 10: Stability and Reactivity Data

Chemical Stability:
Stable under normal temperatures and pressures.
Conditions to Avoid:
Incompatible materials, dust generation, strong oxidants.
Incompatibilities with Other Materials:
Strong oxidizing agents.
Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Has not been reported

Section 11: Toxicological Information

RTECS#: CAS# 596-01-0: None listed
LD50/LC50: RTECS: Not available.
Carcinogenicity:
CAS# 32315-10-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Epidemiology: No information found
Teratogenicity: No information found
Reproductive Effects: No information found
Mutagenicity: No information found
Neurotoxicity: No information found

Section 12: Ecological Information

No information available.

Section 13: Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations

Section 14: Transport Information

	US DOT	Canada TDG
Shipping Name:	Not regulated as a hazardous material	No information available.
Hazard Class:		
UN Number:		
Packing Group:		

Section 15: Other Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 596-01-0: Not available

Canada

Canadian WHMIS Classifications: Not available

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 596-01-0 is not listed on Canada's Ingredient Disclosure List.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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