



Material Safety Data Sheet

Section 1

PRODUCT & COMPANY IDENTIFICATION

Product Name: NanoSet Densifier LI™
Manufacturer's Name: NewLook International, Inc.
Manufacturer's Address: 1525 S Gladiola Street, Suite 8, Salt Lake City, UT 84104
Information Phone: NewLook International, Inc. 877.763.9566 or 801.886.9495
Emergency Contact: For Emergency information, contact Chemtel, Inc. at 800.255.3924, Outside the USA at 813.248.0585

Section 2

COMPOSITION & INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	ACGIH TLV	OSHA PEL	Wt. %
Silicic acid, lithium salt; lithium silicate	7631-86-9	80a	10b	23-27%
Water	7732-18-5	N/A	N/A	72-77%
Penetrating Aid	Proprietary	N/A	N/A	<1%

Section 3

HAZARD IDENTIFICATIONS

Permissible exposure limit: None established for this product
OSHA exposure limit: None established for this product
Primary routes of entry: Ingestion, Inhalation, eye contact
Effects of overexposure: **Ingestion:** May cause irritation to mouth, esophagus and stomach
Inhalation: Mist may cause irritation of upper respiratory tract.
Skin Contact: Causes moderate irritation to the skin.
Eye Contact: May cause irritation

This Product does not contain any substance listed as a carcinogen by NTP, IARC, or OSHA

Section 4

FIRST AID MEASURES

Inhalation: May cause irritation. Remove to fresh air and provide oxygen. If not breathing, give artificial respiration, Seek medical attention if irritation persists
Ingestion: If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water.
Eyes: Immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.
Skin: May cause irritation. Wash skin with soap and water. If irritation occurs or continues, seek medical attention. Remove contaminated clothing and shoes.

Section 5

FIRE & EXPLOSION HAZARD DATA

Flash Point: Will not flash
LEL: N/A

UEL: N/A
Flammability class: N/A
Extinguishing media: N/A
Special Fire Fighting Procedures: Chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots.
Unusual fire and explosion hazards: None

Section 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Personal Protection: Wear chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots.
Environmental Hazards: Sinks and mixes with water. High pH of this material is harmful to aquatic life. Only water will evaporate from a spill of this material.
Small Spill Cleanup: Contain and/or absorb spill with inert material then place in suitable container. Do not flush to sewer or allow the product to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Large Spill Cleanup: Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent runoff from entering into storm sewers and ditches which lead to natural waterways. Isolate, dike and store discharged material, if possible. Use sand and earth to contain spilled material.

Section 7 HANDLING & STORAGE MEASURES

General Handling:

Avoid breathing vapor, aerosol and mist.
Avoid contact with eyes, skin and clothing.
Do not swallow.
Keep container closed.
Use with adequate ventilation.
Wash thoroughly after handling
FOR INDUSTRIAL USE ONLY

Ventilation:

General mechanical room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.
Local ventilation is needed in the presence of airborne mists.

Storage:

Product damage will occur if frozen. Do not store in aluminum, steel fiberglass, copper, brass, zinc or galvanized containers.

Section 8 EXPOSURE CONTROL & PERSONAL PROTECTION

Ventilation: Use adequate ventilation to keep airborne concentrations below the exposure standard.

Respiratory Protection: Use NIOSH-approved respirator in heavy mist locations.

Other Personal Protection: Wear skin and eye protection including chemical goggles and gloves.

Section 9 PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid
Color: Clear to opalescent white
Odor: Odorless or musty odor
pH: Approximately 10.8
Density: 1.2 g/cm³ (20°C); 25° Bé; 10.0 lbs/gal
Solubility in Water: Miscible

Section 10 STABILITY & REACTIVITY

Stability: Stable
Incompatibility: Reacts with acids, ammonium salts, reactive metals and some organics.
Conditions to avoid: Freezing conditions will damage product.
Hazardous decomposition products: Hydrogen

Section 11**TOXICOLOGICAL INFORMATION**

- Acute Data:** When tested for primary irritation potential, a similar material caused moderate irritation to the eyes and moderate irritation to the skin.
- Subchronic Data:** Repeated ingestion or ingestion of large doses of soluble lithium compounds is reported to cause temporary mental function impairment.
- Special Studies:** Repeated ingestion or ingestion of large doses of soluble lithium compounds during pregnancy is reported to cause fetal abnormalities. Frequent ingestion over extended periods of time and gram quantities of silicates is associated with the formation of kidney stones and other siliceous urinary calculi in humans. Lithium silicate is not listed by IARC, NTP or OSHA as a carcinogen.
-

Section 12**ECOLOGICAL INFORMATION**

The high pH of this material may be acutely harmful to aquatic life. It does not contribute to BOD.

Section 13**DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable Federal, State, Provincial and local environmental regulations.

THIS PRODUCT WHEN SPILLED OR DISPOSED OF IS A NON-HAZARDOUS WASTE AS DEFINED IN RCRA REGULATION (40CFR261)

Section 14**TRANSPORT INFORMATION**

NOT REGULATED

Section 15**REGULATORY INFORMATION**

Do not mix this product with other materials unless advised by the supplier.

No CERCLA Reportable Quantity has been established for this material.

All chemicals in this product are listed on both the DSL and TSCA inventory lists for Canada and the United States and are in compliance with those regulations.

Section 16**OTHER INFORMATION & LEGEND**

The facts and recommendations contained herein are based on our own research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made as we cannot cover every possible application for our products, or anticipate variations encountered in manufacturing equipment and methods. Products discussed are sold without warranty, express or implied and on the condition that purchasers shall make their own determination as to the suitability of such products for their particular purposes. Seller shall not be liable for any injury, loss, or damage, direct or consequential arising from the use or inability to use the product. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patents.