

## Material Safety Data Sheet

### לבנת חממות סופר - Livnat Hamamot Super

Issue date: 25.08.10

---

#### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

---

**Common name:** Livnat Hamamot Super

**Formulation Type:** SL

**Manufacturer:** Tapazol Chemical works ltd.

**Address:** HaSolela 1, West ind. Zone, Beit Shemesh, 99052.

**Tel:** 972-2-992-6040 **Fax:** 972-2-9926050 **e-mail:** [info@tapazol.co.il](mailto:info@tapazol.co.il)

---

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

---

Name	CAS no.	Quantity (%)
Calcium Carbonate	471-34-1	75%

---

#### 3. HAZARDS IDENTIFICATION

---

This product is not classified as hazardous. It may cause eye and skin irritation.

---

#### 4. FIRST AID MEASURES

---

**Eyes:** Wash thoroughly with running water. Get medical advice if irritation develops.

**Skin:** Wash exposed area with soap and water. Get medical advice if irritation develops.

**Ingestion:** If swallowed, give water to drink and get medical advice. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. Get medical attention for any breathing difficulty.

**Note to physician:** Treat symptomatically.

---

#### 5. FIRE-FIGHTING MEASURES

---

**Flammable properties:** Not considered to be a fire or explosion hazard.

**Extinguishing media:** Use any means suitable for extinguishing surrounding fire

**Protective equipment:** Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

**Hazardous decomposition products:** When heated to decomposition emits calcium oxide fumes and liberates carbon dioxide.

---

#### 6. ACCIDENTAL RELEASE MEASURES

---

**Personal protection:** Wear personal protective equipment as prescribed in section 8 – "Exposure controls/Personal protection".

**Environmental Protection:** Prevent the material from entering sewage and water courses.

**Procedure:** Absorb with absorbent material, collect into containers for disposal and dispose at an approved disposal site. Wash clothes, equipment and work area after cleaning.

---

## 7. HANDLING AND STORAGE

---

**Storage:** Store in tightly closed original container in a cool, dry well-ventilated area out of direct sunlight and out from the reach of children. Do not store with food, feedstuffs, fertilizers and seeds.

**Handling:** Wear personal protective equipment as prescribed in section 8 – "Exposure controls/Personal protection".

Do not eat, drink or smoke while handling.

Change clothes and wash thoroughly when finishing working with the product.

Wash working clothes in separate from household laundry and do not re-use clothes that are not washed.

See product label for further handling/storage precautions relative to the end use of this product.

---

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

---

### **Airborne Exposure Limits:**

OSHA Permissible Exposure Limit (PEL) for calcium carbonate: 15 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable fraction for nuisance dusts.

ACGIH Threshold Limit value (TLV) for calcium carbonate: 10 mg/m<sup>3</sup> total dust containing no asbestos and < 15% crystalline silica for Particulates Not Otherwise Classified (PNOC).

**Engineering controls:** A system of local and/or general exhaust is recommended to keep employees exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the containment as its source, preventing dispersion of it into the general work area.

**Eye/ Face protection:** Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work areas.

**Skin/Body protection:** Long sleeved shirt, long pants, closed shoes.

**Hand protection:** Gloves.

**Respiratory protection:** If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for up to ten times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece dust/mist respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full face-piece positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

**Appearance:** White viscous liquid.

**Odor:** Odorless.

**Solubility:** Miscible.

**Specific gravity:** 1.6

---

## 10. STABILITY AND REACTIVITY

---

**Chemical stability:** Stable under ordinary conditions of use and storage.

**Conditions to avoid:** Heat, ignition sources, incompatibles.

**Incompatibilities:** Acids, oxidizing agents.

**Hazardous decomposition products:** When heated to decomposition emits calcium oxide fumes and liberates carbon dioxide.

**Hazardous polymerization:** Will not occur.

---

## 11. TOXICOLOGICAL INFORMATION

---

This product is not hazardous. It may cause skin and eye irritation.

---

## 12. ECOLOGICAL INFORMATION

---

This product is not hazardous to the environment.

---

## 13. DISPOSAL CONSIDERATIONS

---

Dispose of according to local regulations. Avoid entry of product into sewer system or water surfaces.

---

## 14. TRANSPORT INFORMATION

---

**UN no:** Not regulated.

**Class:** N/A.

**Packaging group:** N/A.

---

## 15. REGULATORY INFORMATION

---

**R phrases:**

R36/38: Irritating to eyes and skin

---

## 16. OTHER INFORMATION

---

**Disclaimer:** The information provided by TAPAZOL CHEMICAL WORKS Ltd. In the above document is given in good faith and to the best of our knowledge. However, no warranty is expressed or implied.



תכשירים לחקלאות • תברואה • וטרינריה

אזור תעשייה מערבי בית שמש 99052 טל': 02-9926040, פקס: 02-9926050  
[www.tapazol.co.il](http://www.tapazol.co.il) • [info@tapazol.co.il](mailto:info@tapazol.co.il)

