

MATERIAL SAFETY DATA SHEET (MSDS) COOL PLANT

SECTION 1 - PRODUCER & SUPPLIERS DETAILS

Manufacturer & Supplier: NUMINOR CHEMICAL INDUSTRIES LTD.
Address: P. O. BOX 92,
MAALOT 24952
ISRAEL.
Tel: 972-4-9978220
Fax: 972-4-9976062
E-Mail: zinc@numinor.com
Web Site: www.numinor.com
Last update: June 2016

SECTION 2 - CHEMICAL NAME & INFORMATION ON INGREDIENTS

Chemical Name: Zinc Oxide (CAS : 1314 - 13 - 2)
Calcium Carbonate (CAS : 1317-65-3)
Formula: ZnO + CaCO₃
% Range: ZnO : >= 3%
CaCO₃ : <= 97%

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Melting Point: Above 1800°C
Relative Density: (water = 1) Bulk: 0.9 gr/cm³
Solubility in water: None or very low.
Appearance & Odor: White, light gray or pale yellow powder, odorless

SECTION 4 - HAZARDS IDENTIFICATION

Physical/Chemical hazards: Low
Environmental hazards: Low
Human Health hazards: Low

SECTION 5 - FIRE & EXPLOSION DATA

Fire: Non Combustible.

Flammability: Non Flammable

In case of fire in immediate vicinity use any extinguishing agent

SECTION 6 - STABILITY & REACTIVITY DATA

Stability: Stable. Decomposes over 600 oC liberating CO₂

Incompatibility (materials to avoid): reacts with strong acids to liberate CO₂

SECTION 7 - HEALTH HAZARDS

Inhalation: Sore throat, cough, headache.

Eyes: Redness, pain.

Carcinogenity: Zinc Oxide and Calcium Carbonate are not a carcinogen.

TLV (ACGIH): mg/m³ = 10 (dust)

SECTION 8 - FIRST AID MEASURES

First Aid: Remove from exposure. Move to fresh air. Wash dust from skin with soap and water. Flush out eyes for at least 15 minutes. Consult a physician if acute reactions persist.

SECTION 9 - PERSONAL PROTECTION & EXPOSURE CONTROLS

Respiratory protection: Use approved dust filter respirator

Ventilation: Local exhaust recommended

Protective gloves: recommended

Eye protection: recommended

SECTION 10 - ACCIDENTAL RELEASE MEASURES & SPILL LEAK PROCEDURES

- Personal precautions:** Wear suitable gloves and eye/face protection.
- Environmental precautions:** Do not let product enter drains. Avoid dust.
- Methods for cleaning up:** Sweep up and shovel into suitable containers for Disposal.
After cleaning. Flush away traces with water.

SECTION 11 - HANDLING AND STORAGE

- Handling & storing:** Good housekeeping - store in a cool dry place - keep containers shut.

SECTION 12 - ECOLOGICAL INFORMATION

- Ecotoxicity effects:** Ecotoxicity believed to be low, being mostly a natural mineral.

SECTION 13 - DISPOSAL CONSIDERATION

- Methods of disposal:** In accordance with local and national regulations.

SECTION 14 - TRANSPORT INFORMATION

- UN - No:** Not applicable
- IMDG Class:** Not classified as dangerous in the meaning of transport regulations.

SECTION 15 - REGULATORY INFORMATION

- Label name:** Cool Plant

SECTION 16 - OTHER INFORMATION

Original Date of Issue: 06/12/2004

Updated: 16/06/2014

MSDS prepared by: RE