

**MAG****MAG<sup>®</sup> MAG<sup>®</sup>**

### As An Ice Melter

|                                               | Magnesium Chloride | Calcium Chloride      | Sodium Chloride  |
|-----------------------------------------------|--------------------|-----------------------|------------------|
| Ice Melting Effectiveness at 21°F             |                    |                       |                  |
| After 15 minutes                              | 27g                | 30g                   | 12g              |
| After 60 minutes                              | 36g                | 38g                   | 32g              |
| Residue                                       | Clear Liquid       | Oily-Like Liquid Film | Dry White Powder |
| Corrosion - Aluminum (mils/year) <sup>1</sup> | 0.375              | 3.0                   | 1.5              |
| Corrosion - Tin <sup>2</sup>                  | 2.1                | 13.9                  | 17.9             |
| Effective Melting Temperatures                | -13°F              | -25°F                 | +20°F            |

Notes:

1. Results of ice melting tests performed by Swedish VTI. 10 grams of ice melter were spread evenly on an icy surface. After specified period of time, melted water was drained and measured.
2. Exposed to a 150 g/l brine for 22 days by Kalb Forchungs Institute (Germany).
3. Exposed to a 150 g/l brine (160 g/l brine for MAG) for 120 days by Kalb Forchungs Institute.



## MAG<sup>®</sup> OUT- PERFORMS OTHER ICE MELTERS

**MAG<sup>®</sup> melts ice effectively at temperatures as low as -13°F (-25°C)** — considerably below most other products.

And it works fast. In tests at +21°F, within 15 minutes of application **MAG<sup>®</sup> melted twice as much ice as rock salt (halite).**

**MAG<sup>®</sup>** is the proven professional-grade snow and ice Melter that delivers safe surfaces for commercial and residential building owners and facilities managers.

**COPY RIGHT Dead Sea Works LTD (DSW) FOR MORE INFO CALL DEICING DEPOT  
954-781-9200 [WWW.DEICING.COM](http://WWW.DEICING.COM)**

# Pet Friendly

## Naturally Pet Friendly



Wintry weather won't keep dogs or cats inside. With MAG<sup>®</sup>, there's less worry about pets licking their paws when they return from a walk.

### Here's Why:

MAG<sup>®</sup> is 100% natural, pure magnesium chloride -- extracted from the mineral-rich waters of the Dead Sea. For thousands of years, the Dead Sea has attracted visitors from around the globe as one of the world's first health resorts.

MAG<sup>®</sup> is much safer than other popular ice melting chemicals because of its very low toxicity, based on data provided by the U.S. Department of Health and Human Services. In fact, MAG<sup>®</sup> is used in farm feedstock as a mineral supplement.

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# CERTIFICATE OF ANALYSIS

Order No.: 300142800

Production Date: 04-MAY-2022

B/L Date: 20-MAY-2022

Applicant: CHEMICAL SOLUTIONS, INC.  
1000 FRANKLIN VILLAGE DR.  
FRANKLIN, MA 02038-0675  
USA

Vessel: PAN GG  
Voyage: 220  
Loading Port: ASHDOD PORT  
Discharge Port: SAVANNAH  
Country of Destination: USA  
Origin of Goods: ISRAEL

Description of Goods: product type : MAG FLAKES

ALL PALLETS ARE TOTALLY FREE OF BARK  
AND APPARENTLY FREE OF LIVE PLANT PESTS

CUSTOMER NAME:  
CHEMICAL SOLUTIONS INC.,

**Batch : 890000831227 04-MAY-2022**

|                   |       |   |
|-------------------|-------|---|
| MgCl <sub>2</sub> | 46.97 | % |
| CaCl <sub>2</sub> | 1.88  | % |
| NaCl              | 0.54  | % |
| KCl               | 0.25  | % |

Dead Sea Works Ltd.



## SUMMARY OF BATCHES

Billing Document 202201170

Sales order 300142800

Customer order 6702758759

| Material                  | Batch    | Container   | Quantity | Unit |
|---------------------------|----------|-------------|----------|------|
| 0/000/008/564             | 831227-4 | GESU3692801 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | MRKU7442780 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | MRKU8534433 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | MRKU8716762 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | MRKU8755959 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | MRKU9939647 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | MSKU7774339 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | SUDU1899184 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |
| 0/000/008/564             | 831227-4 | TEMU2271861 | 20.020   | TON  |
| product type : MAG FLAKES |          |             |          |      |