## KNIGHT CHEMICALS LLC

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## **SALES SPECIFICATION**

**FEBRUARY 17, 2009** 

NAME: CALCIUM CHLORIDE 90-97% PELLET

DESC: WHITE, ODORLESS. DELIQUESCENT PELLETS

| TEST ITEM                                    | <u>UNIT</u> | <u>LIMITS</u>                    |
|--|-------------|----------------------------------|
| CALCIUM CHLORIDE                             | %           | 90.0 MIN                         |
| TOTAL ALKALI CHLORIDE (AS NaCl)              | %           | 4.9 MAX                          |
| TOTAL MAGNESIUM (AS MgCl <sub>2</sub> )      | %           | 0.08 MAX                         |
| OTHER IMPURITIES                             | %           | 0.98 MAX<br>BY DIFFERENCE NOTE 1 |
| CALCIUM HYDROXIDE                            | %           | 0.20 MAX                         |
| CALCIUM CARBONATE<br>(FROM CO <sub>2</sub> ) | %           | 0.20 MAX                         |
| SULFATE (AS SO <sub>4</sub> )                | %           | 0.20 MAX                         |
| IRON (AS Fe)                                 | %           | 0.005 MAX                        |
| HEAVY METALS (AS Pb)                         | %           | 0.005 MAX                        |
| PASSING U.S. STD 3/8<br>SIEVE, MIN.          | %           | 100                              |
| PASSING U.S. STD #4<br>SIEVE, MIN.           | %           | 80 MIN                           |
| PASSING U.S. STD #20<br>SIEVE, MIN.          | %           | 10 MAX                           |
| PASSING U.S. STD #30<br>SIEVE, MIN.          | %           | 1 MAX                            |
| BULK DENSITY                                 | LB/CU FT    | 50 MIN<br>65 MAX                 |

## SALES NOTES

- 1. OTHER IMPURITIES =  $100 (CaCl_2 + NaCl + KCl + MgCl_2 + Ca (OH)_2 + H_2O)$ .
- 2. STRONTIUM CANNOT BE DISTINGUISHED FROM CALCIUM IN THE SPECIFICATION TEST METHOD, AND IS INCLUDED IN THE CALCIUM CHLORIDE RESULTS. CALCIUM HYDROXIDE IS ALSO INCLUDED IN THE CALCIUM DETERMINATION, BUT THE CALCIUM CHLORIDE RESULTS ARE CORRECTED FOR THIS COMPONENT.

READ MATERIAL SAFETY DATA SHEETS.
THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND
REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.