

LIQUIDOW[™] Technical Grade Calcium Chloride Solution Certification Statements

Composition and Trace Analysis Information

For information on the components of our product(s) and their concentration, please refer to the Material Safety Data Sheet (MSDS) and the Sales Specification. Any hazardous constituent above 1% (by weight) and carcinogens above 0.1% will appear in the ingredients section of the MSDS for this product. OxyChem does not routinely analyze for additional materials that are not listed in the MSDS or Sales Specification.

Identification & Traceability

The lot numbering system identifies the packaging date for the product and allows the product to be traced back to the raw materials used during manufacture. The lot numbering system uses the following format.

FFFYMDDSC, where:

FFF denotes the FACILITY code

Y denotes the YEAR code (X = 2009, Y = 2010, Z = 2011 ...)

M denotes the MONTH code (A = January, B = February, C = March ...)

DD denotes the two-digit DATE of the month

SC denotes a sequence code for internal use

Location of Manufacture/Country of Origin

This product is produced in Ludington, Michigan, USA.

Non-synthetic Designation

The primary raw material for all calcium chloride products manufactured by OxyChem is calcium chloride brine, received via pipeline from a neighboring company. This calcium chloride brine is produced when salt brine from natural underground deposits is mixed with lime and subsequently filtered.

In October 2001, the National Organic Standards Board found calcium chloride manufactured by the brine process to be “non-synthetic”. In contrast, calcium chloride was found to be “synthetic” when manufactured by a non-brine process, (acid neutralization or Solvay).

Cert LTG 10/09



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Shelf Life

When properly stored to protect from moisture contact, the expected shelf life for this product is 24 months.

Volatile Organic Compounds (VOC)

Under 40 CFR 51.100(s), Volatile Organic Compounds (VOC) are defined as “any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions.” For additional, specific compounds, refer to this definition and any Federal Register notices possibly exempting other negligibly reactive VOCs. Since state or local governments and some specific EPA regulations may be more restrictive than the definition above, please check these sources also. Under this broad definition, this product does NOT contain VOCs.

Sincerely,



Joseph B. Althouse
Senior Technical Service Specialist
Occidental Chemical Corporation
Calcium Chloride Products