

Press Release

Contact: Glenn E. Bilek
Daubert Chemical Company, Inc.
4700 S. Central Avenue
Chicago, IL 60638
Phone 708-563-8327 ■ Fax 708-496-7367
gbilek@daubert.com

Daubert Chemical TecPlex® Calcium Sulfonate Complex Greases Receive Incidental Food Contact Registrations

Precursor and Finished Greases Receive HX-1 & H1 Registration

Daubert Chemical Company has received NSF registration for its new TecPlex® Calcium Sulfonate Complex grease precursors and finished greases designed for use in the Food & Beverage Industry. **The company's finished grease products are listed in the NSF Whitebook (www.nsfwhitebook.org) for use as lubricants that may have incidental food contact (H1) in and around food processing areas.** In addition, TecPlex® precursor formulations have received NSF registrations designating them **acceptable as ingredients (HX-1)** used in lubricants which may have incidental food contact, and are also listed in the NSF Whitebook.

Performance Requirements Achieved

The TecPlex® line of incidental food contact greases protect against wear, friction, and provide superior protection from rust and corrosion. The products are formulated to provide typical Water Spray Off (ASTM D4049) values of less than 35%, making them excellent for use in wet environments. The products are white in color, tasteless, and odorless.

Typical Applications

TecPlex® formulations are environmentally friendly, containing no antimony, barium, chlorine, phosphorous, zinc or free sulfur. Uses include food and beverage processing equipment as anti-rust compounds, release agents on tank enclosure gaskets and seals, and as lubricants for machine parts and equipment in locations having the potential for contact with food. Applications include various pieces of equipment in meat and poultry processing plants, canneries, dairies, breweries, bottling plants and many others where incidental food contact is a possibility. With TecPlex® products achieving H1 and HX-1 registration, users are also assured that **the formulations offer the highest level of food safety when used in their plants.**

In short, food processors now have the green light to use TecPlex[®] finished grease formulations “as is”, and grease manufacturers can use the company’s precursor greases as building blocks in the formulation of greases having the potential for incidental food contact.

Wide Range of Formulations Available

TecPlex[®] formulations are available in a range of viscosity levels, with base oils consisting of either 100% white oil or 100% polyalphaolefin (PAO):

Product #	Type		Base Oil		Base Oil Viscosity	
	Precursor	Finished Grease	100% White Oil	Synthetic (100% PAO)	cSt @40°C	cSt @100°C
P2006S-Hx1	X			X	30.5	5.9
P2040S-Hx1	X			X	390	40
P2100-Hx1	X		X		105	11.7
P2250-Hx1	X		X		250	21.1
2006S-H1		X		X	30.5	5.9
2040S-H1		X		X	382	40
2100-H1		X	X		105	11.7
2100S-H1		X		X	100	13.8
2150-H1		X	X		150	14.8
2220-H1		X	X		220	19.4
2220S-H1		X		X	220	25.5

Availability

Daubert’s production capabilities make it the partner you can rely on for precursor or finished grease formulations. TecPlex[®] products having H1 or HX-1 registration for incidental food contact applications are available in limited quantities for testing and commercial use now, with unrestricted availability following completion of the current plant expansion, expected 3rd quarter of 2013.

TecPlex[®] Calcium Sulfonate Precursor and Finished Greases...

- Engineered to meet the most stringent performance and quality parameters
- Tailored to meet customer requirements -- base oil type and viscosity, NLGI grade, and specific additives to modify key physical and performance properties for low or high temperature applications
- Packaged in pails, drums, totes and bulk

Key Properties...

- Superior protection from rust and corrosion
- Excellent resistance to water spray off and washout
- Environmentally friendly, containing no antimony, barium, chlorine, phosphorous, zinc or free sulfur

About Daubert Chemical Company

Daubert Chemical, Chicago IL has a 75+ year history in corrosion prevention product formulations throughout the world. Central to these compounds is calcium sulfonate, a key corrosion inhibiting raw material which Daubert manufactures for various corrosion preventive products its company formulates. Given its value to both Daubert and other grease manufacturers, private labelers and suppliers in the industry, Daubert has expanded its production capabilities to ensure the availability of this key corrosion-inhibiting ingredient.

Consistent quality batch-to-batch, competitive pricing, packaging according to customer needs, and on time shipping are just a few of the significant benefits companies will enjoy when they trust Daubert as their calcium sulfonate complex grease supplier.

For additional TecPlex[®] product information, direct inquiries to Glenn Bilek at 800-688-0459 or 708-496-7350.

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4700 S. Central Avenue
Chicago, IL 60638

1-800-688-0459 or 708-496-7350. Fax: 708-496-7367

Email: dauchem@daubert.com

Daubert's website is www.daubertchemical.com

