

CARTECH

**EXTREME PRESSURE GREASE
WITH CALCIUM SULFONATE**



Nonfood Compounds
Program Listed : H1
Registration Number: 160867

7 goods reasons for using CARTECH

1. CARTECH is a **calcium sulfonate complex** which protects equipment and components against corrosion.
2. Authorised for incidental **food** contact.
3. Outstanding performance under **extreme pressures** (Welding load **>800kg**).
4. Exceptional resistances to **water wash-out**.
5. Oxidation, rust and corrosion **resistant**.
6. Ensures efficient lubrication from **-25°C to +140 °C**.
7. Excellent mechanical **stability**.



-25/+140°C



Particularly suitable for use in



Agri-food sector



Industry



Construction



Institutions

CARTECH is a leading multi-purpose grease for all industrial, agricultural, public works or marine equipment subjected to bad weather, heat, salty air, dust, compacts or heavy loads.

CARTECH is intended for use in industry and is suitable for use as a lubricant in extreme conditions (pressure, temperature).

Recommended for greasing heavy loads on low or medium speed bearings (Wood pellet compression rollers used in the agri-food transformation industry).

Characteristics

Type of base oil: mineral oil
Type of thickener: Calcium Sulfonate Complex
Texture: smooth
Colour : brown
Grade NLGI : 2
Dropping point IP396: >300 °C.
Base oil viscosity at 40°C (ASTM D7152): 220 mm²/s
Base oil viscosity at 100°C (ASTM D7152): 22 mm²/s
Penetration after 60 strokes at 25°C (ISO 2137): 265/295

4 ball weld load (DIN51350:4): > 8000N
Application temperature from -25 °C to + 140°C (max+150°C)
Water wash-out resistance at 79°C (ASTM D 1264) : <5%

For more information, see MSDS.

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BD10 : Multi-prupose, plant base.

This datasheet supersedes previous documents. The information contained in these data sheets is based on our present knowledge and experience and is given as indication only. Under no circumstances does it engage our responsibility in the event of misuse of our products. Non contractual photos and images.



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January 24, 2020

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RE: CARTECH
Category Code: H1
NSF Registration No. 160867

NSF has processed the application for Registration of **CARTECH** to the *NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2017)*, which are available upon request by contacting NonFood@nsf.org. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling review.

This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.

NSF Registration of this product is current when the NSF Registration Mark and Category Code appear on the NSF-approved product label, and the Registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website (www.nsfwhitebook.org).

NSF Listing of all Registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF website, at www.nsfwhitebook.org. Please note the letter date reflects most recent product review. NSF utilizes annual verification to ensure no changes have been made to a registered product. Changes in formulation or label, without the prior written consent of NSF, will void Registration, and will supersede the on-line listing. Please contact your NSF Account Manager or nonfood@nsf.org if you have any questions or concerns pertaining to this letter.

Sincerely,

Sarah Krol
NSF NonFood Compound Registration Program
Company No: C0268676