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<b>P-828</b>	Revised edition no : 00
<b>CALCIUM GREASE</b>	Effective Date: 11-2-2014

## PRODUCT DESCRIPTION

P-828 Calcium Grease is a uniquely formulated product, ideally suited for equipment exposed to corrosive fluids, saltwater or extremely middle temperatures. P-828 Calcium Grease is used exclusively in the space shuttle program due to its unparalleled resistance to saltwater corrosion, Natural tackiness, water washout resistance and load-carrying ability make P-828 Calcium Grease useful in large, low-speed, heavily loaded industrial antifriction bearings and slow-speed open gearing.

P-828 Calcium Grease's calcium-sulfonate thickener is a gel or "nonsoap" grease type. This provides a grease which is exceptionally resistant to oil bleeding, handles middle temperatures (up to 110°C) is shear stable and is nearly impervious to water washout. Rust and corrosion protection is unmatched, particularly over long periods since water, air and other corrosive material cannot penetrate the gel structure of the grease as easily as with soap-thickened grease.

Appearance / Odor	Smooth red grease, petroleum oil, odour
Vapor Pressure	Negligible
Specific Gravity	0.92
Evaporation Rate	Negligible
Solubility in water	Insoluble
Container type	R
Container Pressure Code	1
Temperature Code	4
Product State Code	L
Flash Point	150°C
Flash Point Method	COC
Extinguishing Media	DRY CHEMICAL, CARBON DIOXIDE, FOAM
Special Fire Fighting Procedures	NOT REQUIRED
Unusual Fire / Explosion Hazards	NONE
Drop Point	110°C

## FEATURES AND ADVANTAGES

- Good shear stability
- Long life in storage and in service.
- Highly resistant to "bleeding" or separation
- Unparalleled rust and corrosion protection - semipermanent protection of metal surfaces.
- Will not wash off -- excellent resistance to water washout and water spray off.
- Handles low-speed, heavily loaded equipment-natural extreme-pressure properties and heavy base oil.
- For use with no food contact.

## TLC-KOYA CHEMICALS MANUFACTURING SDN BHD

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P-828 Calcium Grease is not recommended for automotive wheel bearings; boat trailer bearings; or other high-speed ,antifriction bearings that are infrequently lubricated because it does not bleed oil like typical greases.It is not recommended for central lubrication systems because it does not pump easily in cold weather.

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**STORAGE**

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Keep container sealed when not in use.Keep away from direct sunlight.

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**PACKING**

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15KG & 180KG

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**NOTE**

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All recommendations for use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge at the time such recommendations are made. As additional information is learned, these recommendations may be updated. They may also be impacted by circumstances outside our control. Notwithstanding any such recommendations, the user shall remain responsible for satisfying himself that the product as supplied by us are suitable or his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot responsibility therefore. The user shall ensure that the intended use of the products will not infringe any third party's intellectual property rights.

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