

Performance you can trust



## BIOGEN® Marine Rope Dressing

Environmentally Considerate Wire Rope Dressing



### Product Overview

ROCOL® BIOGEN Marine Rope Dressing is an environmentally considerate wire rope lubricant designed specifically for the following industries:

- Shipping
- Ports & Docks
- Dredging
- Deep Sea Fishing

BIOGEN Marine Rope Dressing is VGP compliant and ECO label certified.

BIOGEN Marine Rope Dressing provides corrosion protection which is better than the leading competitors, therefore protecting wire ropes from their primary failure mode.

BIOGEN Marine Rope Dressing is an off-white gel and utilises new technologies allowing companies in marine industries to minimise their environmental impact and to sustain the environment.

### Features and Benefits

- VGP compliant & Ecolabel certified ensuring biodegradability, minimal eco-toxicity and low bioaccumulation potential.
- Corrosion protection—better than all leading competitors.
  - *For ultimate performance, corrosion protection and subsea lifting applications please see ROCOL BIOGEN WIRESHIELD®.*
- No sheen formula.
- Exhibits good penetration, this is enhanced by the use of a high pressure applicator.
- Designed to prevent fling-off when used with high speed STS cranes.
- Temperature range: -30°C to +100°C.
- Leaves a thin, non-tacky film preventing build-up of dust and dirt and is highly resistant to water wash-off.
- Excellent lubricating properties which reduces wear on wires and strands, ultimately extending service life.

### Directions for Storage and Use

- BIOGEN Marine Rope Dressing should be stored in its unopened original container.
- For best practice, storage temperature should ideally be controlled to between +1°C and +40°C. However, there will be no detrimental effect when stored within its operating service temperature.
- 3 years from date of manufacture shelf life.
- The minimum application temperature for BIOGEN Marine Rope Dressing is 0°C. For best results apply to clean, dry ropes.
- BIOGEN Marine Rope Dressing is fully compatible with any previously used service or build lubricants.
- Prior to application of BIOGEN Marine Rope Dressing, build lubricant or previously used service lubricants should be cleaned off to enhance penetration and adhesion.

### Typical Applications

- BIOGEN Marine Rope Dressing is ideal for lubrication of ship cranes, shore cranes, container lashings, lifeboat falls, shackles and small winches.
- BIOGEN Marine Rope Dressing can be applied using a brush, swab or automatic lubricator.
- Compatible with the Masto High Pressure Wire Rope Lubricator, Viper and Corelube wire rope lubricant applicators.
- Approximate rope coverage, based on a 25mm diameter rope, is 50 meters per kg.

### Pack Sizes

Pack Size	Part Code
18kg	20074

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Property	Test Method	Result
Appearance	Visual	Off-white
Base Fluid Type	N/A	Vegetable/Synthetic
Base Fluid Viscosity at 40°C	IP71	165cSt
Base Fluid Viscosity at 100°C	IP71	22.3cSt
Thickener	N/A	Proprietary
Drop Point	IP 396	Non-melting
Operating Temperature Range	N/A	-30°C to +100°C
4-Ball Weld Load	IP239	315kg
Ecotoxicity	OECD 215	NOEC >100 mg/l
Ecotoxicity	OECD 211	Not toxic to aquatic environments
Biodegradability	OECD 306	Inherently aerobically biodegradable
Salt Spray Corrosion Protection	ASTM B-117	>1000 hours
Copper Corrosion Test (24hrs at 100°C)	IP 112 – ASTM D130	1A
Oil Separation (24hrs at +100°C)	IP 121	1%

Values quoted above are typical and do not constitute a specification.

### Safety Data Sheets

Safety data sheets are available for download from our website [www.rocol.com](http://www.rocol.com) or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Issue: 1 Date: 01-16

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