



Newsletter HomeCare 2/2022

Clean Bike, Car, Rail & Truck:
Performance products for your vehicle cleaning

Making bikes and vehicles fit for summer. Our raw materials make cleaning easier and long lasting.

For the best possible support we help directly with some guide formulations. On request we can help you to develop a concentrated product in water soluble film.

Content

- Short Introduction & Benefits
 - Flexipel Q 50
 - Mirapol® Surf S 310
 - Link 706
 - Rhodapex® ESB 70 Nat
 - Mackam® CBS 50 G

- Formulations
 - Neutral Bike Cleaner
 - Self Dry Car Shampoo
 - Screen Wash 9
 - Detailing Spray
 - Bus/Truck Cleaner

Flexipel Q 50 – Water Based Silane Emulsion

Overview

An aqueous, water stable, reactive silane which readily dissolves in water to produce a range of benefits including antistatic, lubricity, water repellency, and scratch resistance. Reduces the coefficient of friction making polishing and wiping easier in hard surface cleaners, can be used to provide high water bead-up in drying additive for car wash.

Mirapol® Surf S 310 – Acrylic Based Polymer

Overview

High performance polymer specifically designed for vehicle cleaning applications (car, trucks, including shampoos and professional stations formulation). The polymer imparts water sheeting, antispotting, fast-drying and easy cleaning benefits through a mechanism of surface modification. Mirapol is soluble in water in all proportions and compatible with common surfactants.

Link 706 – Proprietary Blend Including Ethoxylated Alcohol

Overview

Readily biodegradable surfactant system that delivers low dynamic surface tension critical to optimum cleaning. Superior penetration and removal of oily/greasy particulate soils – ability to clean areas where agitation is restricted. Dilutes clear, which makes product easy to rinse.

Rhodapex® ESB 70 Nat – Sodium Lauryl Ether Sulfate

Overview

2EO sodium laureth sulfate that is made from 100% renewable carbon. Ethylene oxide is made from sugar cane and fatty alcohol from palm kern oil. RCI: 100% MB quality available on request.

Mackam® CBS 50 G – Cocamidopropyl Hydroxysultaine

Overview

Mackam® CBS 50 G E is a high performance zwitterionic surfactant that is stable over a wide pH range. It is compatible with anionic, cationic and nonionic surfactants. Mackam® CBS 50 G E exhibits high foaming even in high electrolyte solutions and is stable in 19% sodium hydroxide. It is produced from coconut oil and is readily biodegradable. It is stable in both hard and soft water stable and has excellent lime soap dispersing properties.

Formulation

Neutral Bike Cleaner



Composition	%
Trisodium Citrate	3,0
Sodium Gluconate	0,5
Link 706	2,0
Lemon Fragrance DEV50102	0,1
Mackam® DP 122	1,0
Sodium Bicarbonate	1,0
Preservative	0,1
Colourform Bright Yellow	q.s.
Water	Up to 100%

A neutral bike cleaner available for use on all bikes including aluminium:

Method

Disperse the Fragrance in the Link 706. Then, slowly add the formulation amount of Water, followed by the Trisodium Citrate, Sodium Gluconate and Preservative. Next add the Mackam® DP122. Finally, adjust the pH if necessary, with Sodium Bicarbonate to 7.0 +/- 0.5. Add the colourform for appeal.

Self Drying Car Shampoo

Composition	%
Mackamine LA	10,0
Mackam® CBS 50 G	5,0
Rhodapex® ESB 70 Nat	14,0
Mirapol® Surf S 310	4,0
Lemon Fragrances DEV 50102	0,1
Preservative	QS
Water	Up to 100

If your customer prefer hand wash you can supply a self-dry car shampoo which they can use at a self washing area.

Method

Blend the Fragrance into the Mackam® CBS-50 G, Rhodapex® ESB-70 Nat and Mackamine® LA. Once solubilised, add the Mirapol® Surf S310, followed by the formulation amount of Water. Finally, add the Preservative and mix until homogenous.

Screen Wash 9

Composition	%
Isopropyl Alcohol	10,0
Flexipel Q50	4,0
Mackamine® 654	2,0
Colour	QS
Water	Up to 100%

You fill the formulation in your windshield wash tank. The Flexipel Q 50 will give you a clear, streak free and hydrophobic windshield for a long period.

Method

Blend the Mackamine® 654 with the Flexipel Q50 and the formulation amount of water. Add the Colourform Turquoise followed by the Iso-propyl Alcohol and mix well until clear and homogenous. Water. Finally, add the Preservative and mix until homogenous.

Detailing Spray – Paint Pro 9 Mod – An all over Detailing Spray Polish for Glass and Hard Surfaces

Composition	%
Linksil HG	3,0
Isopropyl Alcohol	2,5
Flexipel Q50	2,0
Green Apple Fragrance	0,2
Water	Up to 100%

Paint Pro 9 MOD 2 is a mixture of 2 silicone products that crosslink together to provide a very glossy, durable surface coating with a high degree of water repellency. This formulation is suitable for all hard surface on automotive surfaces and most household surfaces, as well as glass without smearing.

Method

Disperse the fragrance into the Linksil HG and Flexipel Q-50 until fully solubilised. Separately, blend together the Isopropyl Alcohol into the formulation amount of water. Once this is done, slowly pour this mix into the silicone/ fragrance blend and stir until homogenous to complete.

Bus/Train/Truck Cleaner



Composition	%
Mackamine® CS	10
Mirapol® Surf S 310	4,0
Mackam® OIP 40	5,0
MGDA (78% active)	2,0
Green Apple Fragrance	QS
Preservative	QS
Water	Up to 100%

Anti Traffic film remover for heavy vehicles. You provide a long lasting, spot free and fast drying effect.

Method

Blend the Fragrance into the Mackamine® CS and Mackam® OIP 40. Once solubilised, add the Mirapol® Surf S310 and MGDA, followed by the formulation amount of Water. Finally, add the Preservative and mix until homogenous.

Actzone F5 Conc Protect Your Passengers in all Transportation Vehicles – Train, Bus, Plane, Cab

Aqueous cleaner and disinfectant/sanitizer formulation, 24h residual activity, highly effective against a range of micro-organisms (resistant bacteria to viruses), mixture of two registered quaternary ammonium chloride ("Quat") active ingredients coupled with inert, proprietary polymer technology, provides surface antimicrobial protection against repeated microbial contamination and touches over a 24h period (until reapplication), compatible with multiple surface materials. Biotic active ingredients for PT 2 + 4 under EU Biocidal Products Directive.



Imprint

HARKE Chemicals GmbH
Xantener Str. 1
45479 Mülheim an der Ruhr
Germany
Managing Directors:
David Lupp
Jens Prinssen
Yuvaraj Govinda Pillai

Picture credits

- ©Stockphoto / Artist's name: Linda Raymond
- ©Stockphoto / Artist's name: Vera_Petrulina
- ©Stockphoto / Artist's name: aapsky
- ©Stockphoto / Artist's name: Hispanolistic