



## PRODUCT DESCRIPTION

**Silicone-free dry lubricant** with **NSF H1 certification** for easy to clean and food safe conveyor lubrication with minimal impact on the environment.

### Food safe quality solution

#### Focusing on:

- Environmental impact including wastewater treatment
- User safety (exposure to the concentrated and in-use product)
- Food safety (NSF H1 certification)



Nonfood Compounds  
Program Listed H1  
Registration: 166778



## ADVANTAGES & BENEFITS



### Food safety

- **Silicone-free:** facilitated cleaning providing cleaner lines
- For plastic and stainless-steel conveyor systems with metal cans and PET, PE-HD, polycarbonate and cardboard packaging
- Also suitable for glass bottles on plastic conveyor system



### Industrial performance

Low product consumption  
Optimized line hygiene  
due to the absence of  
water



### Environment

**Ready-to-use** product  
= no dilution  
Dry application  
= no wastewater



### User safety

No slippery floors  
= reduction of risks of  
falling



## PROTOCOL



**Concentration:** pure, undiluted.



**Timing:** to be adapted to each individual area (seconds/hour).

Before performing a practical test, it is essential to carry out a complete clean of the distribution network and conveyors. For optimal results, regularly applying standard OPC procedures is recommended.



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## SUCCESS CASE - MILK BRICKS



**Line:** 1 liter milk bricks on plastic conveyors

**Competitor product:** silicone based

### Trial

Spray temporization 10" ON/60' OFF with competitor product to 5" ON/100' OFF with **LUBRANOL DRG**

### Results

Friction coefficients improved

Cleaner lines

Very good performance of **LUBRANOL DRG** (attention to overdosing resulting in excessive gliding at packing machine)

Product consumption: **-55%** with room for improvement



### Next steps

Lower **LUBRANOL DRG** spraying (longer OFF times)

Remove nozzles spraying with water

Optimise line conditions (pressure in distribution network and filters with non-return valve in nozzles)



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## SUCCESS CASE – METAL CANS



**Line:** metal cans (250, 330 & 500 ml) on plastic (Teflon) conveyors  
**Line capacity:** 600 000 hl/year  
**Previous product:** 0,3-0,4%v LUBRANOL SN (hybrid conditions)

### Trial

Spray temporisation 8" ON/100" OFF with LUBRANOL SN  
to 10" ON/9h OFF with **LUBRANOL DRG**

### Results

Friction coefficients equivalent (0,04-0,06)  
Improved line performance  
Improved line hygiene (no biocide treatment required)  
Regular cleaning of conveyors to remove dirt accumulation (also before)  
Improved safety: **dry floors**  
Water consumption (incl. OPC): **-85%**  
Product consumption: **-40%**



### Next steps

Install regular OPC of conveyors