



PowerGranules® makes the difference



PowerGranules® – the core of Granule Optimised Washing Technology™

- **More efficient alternative** to sink-based warewashing solutions and conventional, water-based machines.
- **Less impact on our environment** – less water, detergent and energy.
- **The tiny, blue Granules blasts off burnt-in food and stubborn residues faster** than countless litres of hot water, hazardous chemicals and detergent.

More than just plastic

The material in PowerGranules® has been approved for use in contact with food, and is also harmless to ingest.

The Granules need to have the exact right shape and density, in order to give a satisfactory wash result. They also need to be hard enough to remove all stuck-on food effectively, but soft enough not to damage the goods or the machine interior. To attain these qualities, the brand PowerGranules® has undergone thousands of hours of development and testing.

Why PowerGranules® ?

- No soaking or scrubbing - eliminates the need for pre-washing
- Optimized density and size for optimal removal rate - tested and verified on all GRANULDISK machines
- Approved for contact with food
- The Granules are used over and over again in the machine – wash after wash
- The right qualities – a result of more than 20 years of research and testing
- The material composition is developed not to harm any of the parts in the machines

Top Up and exchange of Granules

To maintain an impeccable wash result it is essential to have the right amount of Granules.

Top Up

Check the Granule level (amount of Granules) on a daily basis against the markings in the Granule collector. Top up with Granules when needed.

Exchange of Granules

GD Memo™ keeps tabs on number of run wash cycles and reminds the operator when the Granules are worn out and it is time for a Granule exchange.

Durability

PowerGranules® Granules will last for ca 2 500 - 3 500 cycles, depending on most frequent programme choice, machine type and wash ware.



Assortment

8 kg bucket | # 19833
20 kg bucket | # 19834



SAFETY INFORMATION

Rev.date: 2010-08-17
Version 2
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1. NAME OF PRODUCT AND COMPANY	
Product name:	PowerGranules®
1.2 Product description:	Plastic granulate for potwashing machines.
1.3 Supplier:	GRANULDISK AB, Jägershillgatan 15, SE-213 75 Malmö, Sweden +46 (0)40 6715060, hans.bravevik@granuldisk.com
1.4 Emergency information:	+46 (0)40 6715060 (office hours)
2. HARMFUL PROPERTIES	
Gases injurious to health are given off in the event of fire or overheating.	
3. COMPOSITION/SUBSTANCE CLASSIFICATION	
Chemical product designation:	Polyoxymethylene copolymer
4. FIRST AID	
General:	Gases injurious to health are given off in the event of fire or thermal breakdown.
Contact with the eyes:	Flush with water. May cause mechanical irritation.
Skin contact:	Flush with water.
5. ACTION IN THE EVENT OF A FIRE	
Suitable fire extinguishing equipment:	Carbon dioxide (CO ₂) or water extinguisher. Be aware: the material burns with an almost invisible flame.
6. ACTION IN THE EVENT OF ACCIDENTAL SPILLAGES	
Action when dealing with spillages: Waste management, see point 13.	Sweep up the granules to prevent a risk of slipping and to prevent them ending up in the drains.
7. HANDLING AND STORAGE	
Storage conditions:	Should be stored dry and free of contamination.
8. PERSONAL SAFETY MEASURES/LIMITATION OF EXPOSURE	
Molten material: Granules from dishwasher:	Wear a protective mask, protective goggles and possibly also protective clothing if molten material has to be handled. Wash your hands after direct contact with granules.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Form:	Granulate
Colour:	Light and dark blue
Melting point:	165 °C
Flashpoint:	> 150 °C
Density:	1.4 g/cm ³
Solubility in water:	Insoluble
10. STABILITY AND REACTIVITY	
The product is regarded as stable. Gases injurious to health are given off in the event of fire or thermal breakdown.	
11. TOXICOLOGICAL INFORMATION	
General:	Gases injurious to health are given off in the event of fire or thermal breakdown.
Inhalation:	Seek fresh air.
Skin contact:	Flush with copious amounts of cold water.
Contact with the eyes:	Flush with copious amounts of cold water.
12. ECOLOGICAL INFORMATION	
Ecological risks:	The material is deemed to have a low impact on the environment.
13. WASTE MANAGEMENT	
Spillage or unused granules:	Handled as non-hazardous waste. Appropriate for sorting as inflammable waste.
Used granules:	Should be sealed in a plastic bucket with a lid or in a plastic bag before being sorted as inflammable waste.
14. TRANSPORT INFORMATION	
General:	Not transport-classified.
15. APPLICABLE REGULATIONS	
This product does not require labelling in accordance with Swedish legislation. Note State and local regulations.	
16. OTHER INFORMATION	
According to information currently available, this product is not classified as hazardous according to laws and regulations. Replaces product information sheet dated: 24 August 2007 version 1 (ÄM2115)	

The information given in this Safety Data Sheet is correct to the best of our knowledge and as far as we can determine at the date of its publication. This information is intended only as a guide for safe handling, use, processing, storage, transport, waste management and emissions, and must not be regarded as constituting a guarantee or quality specification. The information relates only to the material specified and does not apply to this material when used in combination with any other material or process not specified in the text.