

# POWER GRANULES®

- + More efficient alternative to sink based ware washing solutions and conventional, water based machines.
- + Less impact on our environment – less water, detergent and energy
- + The tiny, blue Granules blasts off food and stubborn residues faster than countless liters 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.

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 stuckon 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.

Used PowerGranules are handled as combustible waste.

## 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 25 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 PowerGranules

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

### 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 PowerGranules

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 an exchange.

### Durability

PowerGranules will last for between 2.500-3.500 cycles, depending on most frequent programme choice, machine type and wash ware.



## ASSORTMENT.

10 liters [Art.No. 22633] 20 liters [Art.No. 22634]



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**GRANULES®**

# SAFETY DATA SHEET

## IN ACCORDANCE WITH 1907/2006/EG,453/2010/EG

Rev. date: 11-01-2016 Version 5 Page 1 (1)

1. NAME OF PRODUCT AND COMPANY	Product name: PowerGranules® 1.2 Nature of product: Plastic Granulate for pot washing machines. 1.3 Supplier: GRANULDISK AB, Jägershillgatan 13, SE-213 75 Malmö, Sweden, +46 (0)40-6715060, info@granuldisk.com 1.4 Emergency information: +46 (0)40 6715060 (office hours)
2. DANGEROUS PROPERTIES	Gases injurious to health can be given off in the event of fire or thermal breakdown.
3. INFORMATION OF INGREDIENTS	
Chemical product designation:	Polyoximetylen, copolymer
Pigments & additives:	<2%
4. FIRST AID	
General:	In room temperature, the product is non-irritable and will not give off any gases injurious to health. In critical situations such as in the event of fire or thermal breakdown, gases injurious to health can be given off.
Consumption:	In the event of discomfort, seek medical advice.
Inhalation:	In the event of accidentally inhaling gases, seek fresh air. If discomfort persists, seek medical advice.
Eye contact:	Rinse with water, may cause mechanical irritation.
Skin contact:	If molten product comes into contact with skin, rinse thoroughly with cold water. Do not attempt to remove solidified product from skin. Seek medical treatment.
5. MEASURES IF FIRE	Extinguish with carbon dioxide (CO <sub>2</sub> ) or water. Be aware: the material burns with an almost invisible flame.
6. ACCIDENTIAL RELEASE MEASURES	Sweep up spilled Granules to prevent risk of slipping or of Granules ending up in the drain. Handled as non-hazardous industrial waste, see point 13.
7. HANDLING AND STORAGE	Should be stored dry and free of contamination.
8. PERSONAL PROTECTION	Wear a protective mask, protective goggles and possibly also protective clothing when handling molten material. Wash your hands after direct contact with Granules that has been in the potwasher. Gases injurious to health can be given off in the event of fire or thermal breakdown.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Form:	Granulate
Color:	Light and dark blue
Solubility:	-
Melting point:	165 °C
Density:	1,41 gr/cm <sup>3</sup>
Explosion limits %-% /	-
Solubility in water:	Non soluble
Boiling point:	na° C
Flash point:	> 150° C
pH of concentrate:	-
pH of solution:	-
Decomposition temperature:	° C
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:	The product is not classified as toxic.
Inhalation:	No risk for irritation.
Skin contact:	No risk for irritation.
Eye contact:	Rinse with water, can cause mechanical irritation.
Consumption:	In the event of discomfort, seek medical advice.
12. ECOTOXICOLOGICAL INFORMATION	Not applicable.
13. SCRAP DISPOSAL	
Spillage or unused Granules:	Handled as non-hazardous industrial waste. Appropriate for sorting as combustible waste.
Used Granules:	Should be sealed in a plastic bucket with a lid or in a plastic bag before being sorted as combustible waste.
14. TRANSPORT INFORMATION	General: Not transport-classified.
15. APPLICABLE REGULATIONS	This product is not regulated by Swedish law. Take note of federal, state and local regulations.
For Germany the following regulations apply:	Waste type: 20 01 39 Plastics. Water hazard class: WGK 1
16. OTHER INFORMATION	According to Swedish law, this product is not classified as dangerous. This safety data sheet is substituting sheet: 2014-11-17 version 4 (PV-3708)

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.

