

**MSDS: Grindz™ Grinder Cleaner - MAHLKOENIG Brand** (an Urnex® Brand product)  
 August 2005

**1. Product and Company Identification**

Product Name:	MAHLKOENIG Brand - Grindz™ Grinder Cleaner (an Urnex® Brand product)
General Use:	For cleaning commercial and domestic coffee grinding equipment.
Product Description:	Blended formula, coffee bean shaped tablet, amber to yellowish color.
Manufacturer:	Urnex Brands, Inc. 170 Ludlow Street, Yonkers, NY 10705 USA Tel. 914-963-2042 Urnex Brands, Inc. 29 Harley Street, London, W1G 9QR, UK Tel. +44 020 7927 6881
Distributor:	MAHLKOENIG GmbH & Co. Kg, Tilsiter Strasse 142, Hamburg 22047 Germany
Emergency Contact:	800-424-9300 (USA), 001-703-527-3887 (INTERNATIONAL COLLECT ACCEPTED)
Date Prepared	August 1, 2005
Patents:	U.S. and foreign patents pending

**2. Composition/Information on Ingredients**

Material	CAS#	LD-50-LC50 Mixture: LD50 (oral rat)
Proprietary mixture of cereals and grains with food grade binders	NA	NA

**3. Hazards Identification**

Emergency Overview:	None required
Effects of Overexposure:	None
Eye:	May cause slight irritation.
Skin:	None
Ingestion:	None.
Inhalation:	No hazard in normal use.

**4. First Aid Measures**

Eye:	In case of contact, flush with water. Seek medical attention if irritation persists.
Skin:	Wash hands with soap and water.
Ingestion:	Not recommended, but all ingredients are food safe GRAS.
Inhalation:	Remove to fresh air.

**5. Fire Fighting Measures**

Flash Point:	Non-flammable
LEL:	Not determined
UEL:	Not determined
Extinguishing Media:	Foam, carbon dioxide, powder, and water spray.
Firefighting Instructions:	Cool fire exposed containers with spray.
Fire Fighting Equipment	None
Unusual Fire & Explosive Hazards:	None

**6. Accidental Release Measures**

Land Spill:	Sweep up spilled material and dispose of along with typical daily refuse
Waste Disposal Methods:	Product may be disposed of along with typical daily refuse.

**7. Handling and Storage**

General Storage:	Store in a cool, dry place. Keep container closed.
Storage Temperature:	Ambient (between 40 F and 100 F).
Other Precautions:	Avoid contact with skin and eyes. Wash thoroughly after handling.

**8. Exposure Controls / Personal Protection**

General Hygiene:	There are no known hazards associated with this material when used as recommended.
Ventilation:	No special requirements
Respiratory:	There are no known hazards associated with this material when used as recommended.
Protective Clothing:	None required in normal use.
Eye Protection:	None required when used as directed.
Other Protective:	None required.

**9. Physical and Chemical Properties**

Boiling Range:	NA
Vapor Density:	NA
Evaporation Rate:	NA
Solubility in Water:	Insoluble
Melting Point:	NA
Odor:	Characteristic grain odor.
Specific Gravity:	NA

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PH 1%	NA
Appearance:	Amber to yellow tablet
Flash Point:	NA

**10. Reactivity**

Stability:	Stable.
Hazardous Polymerization:	Will not occur
Incompatibility:	None.
Conditions to Avoid:	None
Hazardous Decomposition:	None.

**11. Toxicological Information**

Reported Human Effects:	None
Reported Animal Effects:	None

**12. Ecological Information**

No data are available on the adverse effects of this material on the environment. The manufacturer will fulfill all requests for any ecological data that is available on the various components of this product.

**13. Disposal Considerations**

Dispose of safely in accordance with applicable laws and regulations.

**14. Transport Information**

Proper Name:	Not regulated Grindz™ Coffee Grinder Cleaner
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Hazardous Materials Identification System Rating (HMIS):

HEALTH	0	No Hazard
FLAMMABILITY	0	No Hazard
REACTIVITY	0	No Hazard
PERSONAL PROTECTION	0	No Hazard

**15. Regulatory Information**

Inventory Status

United States (TSCA)	All ingredients are on the inventory or are exempt from listing.
European Union (EINECS)	All ingredients are on the inventory or are exempt from listing.

Labeling EU

Hazard Symbol:	None
Product Contains:	Proprietary mixture
R-Sentences	None
S-Sentences	None

**16. Other Information**

This product is for sale and use by professional personal only.

It is a violation of federal law to use this product in a manner inconsistent with its label.

Usage Guidelines:	Add recommended dosage to a dirty coffee grinder. Run Grindz™ Grinder Cleaner through the grinder followed by twice the amount of coffee to be ground next. Grinder will then be ready for use.
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