

**MSDS: Cleancaf® Brand Cleaner & Descaler** (an Urnex® Brand product)  
 This MSDS was prepared in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2004

**1. Product and Company Identification**

Product Name:	Cleancaf® Brand Cleaner & Descaler (an Urnex® Brand product)
General Use:	For and cleaning and descaling home coffee makers and espresso machines.
Product Description:	Blended light blue powder with granules of varying sizes.
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
Emergency Contact:	800-424-9300 (USA), 001-703-527-3887 (INTERNATIONAL COLLECT ACCEPTED)
Date Prepared	August 5, 2008

**2. Hazards Identification**

This product is classified as an irritant.

Emergency Overview:	Product is a blended, light blue powder with granules of varying sizes.
Effects of Overexposure:	May cause skin and eye irritation. If ingested, may cause gastric irritation reaction.
Eye:	May cause slight irritation.
Skin:	Irritating to the skin.
Ingestion:	Irritating to the gastric tract.
Inhalation:	No hazard in normal industrial use.

**3. Composition/Information on Ingredients**

Material	CAS#	LD-50-LC50 Mixture: LD50 (oral rat)
Tetrasodium Ethylenediametetraacetate	64-02-8	3030 mg/kg
Sodium Dodecylbenzenesulfonate	25155-30-0	2000 mg/kg
Direct Blue 86	1330-38-7	>5000 mg/kg

**4. First Aid Measures**

Eye:	In case of contact, flush with water for at least 15 minutes. Seek medical attention if irritation persists.
Skin:	Flush thoroughly with water and seek medical attention if irritation persists.
Ingestion:	Do not induce vomiting. If ingested, drink large quantities of water and seek medical advice.
Inhalation:	Remove to fresh air.

**5. Fire Fighting Measures**

Flash Point:	NA
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	Must wear approved self-contained breathing apparatus.
Unusual Fire & Explosive Hazards:	None

**6. Accidental Release Measures**

Land Spill:	Sweep material into one area being careful not to allow disposal of the product. Flush remaining spill are with large volume of cold water.
Waste Disposal Methods:	Can be disposed in regular washing procedure.

**7. Handling and Storage**

General Storage:	Store in a cool, dry place. Keep container closed. Accidentally spilling water into container may cause clumping.
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:	Use in a well ventilated area.
Respiratory:	Do not inhale. Use NIOSH/MSHA approved respirator based on actual or potential airborne concentration in according with OSHA or applicable health and safety standards.
Protective Clothing:	None required in normal use. When working with large quantities or in technical production applications gloves are recommended.
Eye Protection:	Avoid contact with eyes. Wear suitable eye protection when working in production applications.
Other Protective:	None required.

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**9. Physical and Chemical Properties**

Boiling Range:	NA
Vapor Density:	NA
Evaporation Rate:	NA
Solubility in Water:	Complete
Melting Point:	>1000 degrees F
Odor:	None
Specific Gravity:	NA
PH 1%	10.20 -10.40
Appearance:	Light blue granular powder
Flash Point:	NA

**10. Reactivity**

Stability:	Stable.
Hazardous Polymerization:	Will not occur
Incompatibility:	Strong inorganic acids, strong oxidizers and reducing agents.
Conditions to Avoid:	MIX WITH WATER ONLY.
Hazardous Decomposition:	Incomplete combustion may yield carbon monoxide and soot. Burning can produce carbon monoxide, carbon dioxide, and oxides of phosphorous.

**11. Toxicological Information**

Reported Human Effects:	No human data are available
Reported Animal Effects:	See LD-50/LC-50 Studies on ingredients in section 2.

**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 Cleancaf® Brand Cleaner & Descaler
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**Hazardous Materials Identification System Rating (HMIS):**

HEALTH	1	Slight Hazard
FLAMMABILITY	0	Minimal Hazard
REACTIVITY	0	Minimal Hazard
PERSONAL PROTECTION	B	Safety Glasses, Chemical Gloves

**15. Regulatory Information**

**Inventory Status**

United States (TSCA)	All ingredients are exempt from listing.
European Union (EINECS)	All ingredients are exempt from listing.
Regulation EC No 648/2004	The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Labeling EU**

Hazard Symbol:	Xi Irritant
Product Contains:	Sodium carbonate, Sodium Tripolyphosphate, Tetrasodium Ethylenediametetraacetate, Direct Blue 86, Monosodium Phosphate and nonionic surfactant.
R-Sentences	
	R36/38 Irritating to eyes and skin.
	R22 Harmful if swallowed.
S-Sentences	
	S2 Keep out of the reach of children.
	S22 Do not breathe dust.
	S24/25 Avoid contact with skin and eyes.
	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S46 If swallowed, seek medical advice immediately and show this container or label.

**16. Other Information**

This product is for sale and use by professional personal only.  
 Keep out of reach of children. It is a violation of federal law to use this product in a manner inconsistent with its label.

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Usage Guidelines:	Use 9 gram (0.33 oz) of product per 1 liter (4 cups) warm water. Rinse thoroughly after use.
Certification OMRI:	Listed by the Organic Materials Review Institute as independently verified to meet the requirements of the USDA National Organics Program.

NOTE: The information in this MSDS is obtained from sources which are believed to be reliable. However, the accuracy or completeness thereof is not guaranteed. This information is furnished without warranty, expressed or implied. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Urnex Brands, Inc. assumes no liability for the loss and damage incurred from the proper or improper use of this product.