

# MATERIAL SAFETY DATA SHEET

In compliance with directive 91/155-93/112 and 2001/58/EEC

Date revised: 04.feb.2009

## 1. PRODUCT/COMPANY IDENTIFICATION.

**Description:** Special cleaner for cleaning and maintenance of glass ceramic stovetops.

## 2. HAZARDS IDENTIFICATION.

**Inhalation:** Over-exposure may irritate eyes, nose and throat. High concentrations may have narcotic effect. Prolonged or repeated inhalation may cause damage to the central nervous system.

**Eye contact:** Splashes may cause irritation.

**Skin contact:** The product may defat and dry out the skin. Prolonged contact may cause skin irritation and rashes.

**Ingestion:** Ingestion may cause vomiting and stomach pains. Pneumonia may result if the product enters the lungs by vomiting.

**Environment:** See items 12 and 13.

## 3. COMPOSITIONAL INFORMATION.

Components:	Einecs-no.	CAS-NO.	Symbol 1):	R-phrases 1):	% (w/w)	Exposure values, ppm
distillates(petroleum) hydrotreated light (<0,1% benzene)	265-149-8	64742-47-8	Xn	65-66	25 - 50 %	25
aluminumoxide (Al2O3)	215-691-6	1344-28-1	-	-	25 - 50 %	-
deionized water	231-791-2	7732-18-5	-	-	10 - 25 %	-
fatty alcohol(C12-C18), ethoxylated <sup>2)</sup>	*)	68439-50-9	Xi,N	41-50	1 - 5 %	-
laurylamine, ethoxylated <sup>2)</sup>	*)	-	Xn,Xi	22-41	1 - 5 %	-
silicone oil	-	63148-62-9	-	-	1 - 5 %	-
perfume	-	-	-	-	≤1,2 %	-
citric acid	201-069-1	5949-29-1	Xi	36	≤ 1 %	-

<sup>2)</sup> Polymerbased products – ingredients listed in EINECS

## 4. FIRST AID MEASURES.

**Inhalation:** Move person to fresh air and observe. Contact a physician in serious cases.

**Eye contact:** Flush eye with large amount of water. Contact lenses should be removed. Move eye whilst flushing. Contact a physician if pain persists.

**Skin contact:** Wash skin with soap and water. Remove and wash clothing after contact.

**Ingestion:** Seek **immediately** medical advice. Do **not** provoke vomiting. Dilute by giving 2 glasses of milk or water. If vomiting, keep the head low, to prevent vomit from entering the lungs.

## 5. FIRE-FIGHTING MEASURES.

**Extinguishing media:** Water spray, foam, CO2, or dry chemical.

**Specific hazards:** The product is combustible but will not produce hazardous fumes when burning.

**Personal protection:** Avoid breathing fumes/vapours. Wear self-contained breathing apparatus, gloves, safety spectacles and protective clothes.

## 6. ACCIDENTAL RELEASE MEASURES.

**Personal protection:** Use the same protection as mentioned in item 8.

**Environment:** Prevent spreading and product from entering drains, etc. Contain spill with inert material (eq.sand, earth).

**Cleaning up:** See item 13.

## 7. HANDLING AND STORAGE.

**Handling:** Avoid inhalation of vapours. The working area should be equipped in such way that the exposure values are not exceeded. At high concentrations (accidents) use a respiratory filter as mentioned in item 8.

**Storage:** Store out of reach of children. Store between 5° and 40°C.

## 8. EKSPOSURE CONTROLS/PERSONAL PROTECTION.

<b>Composition:</b>	See item 2.
<b>Personal protective equipment:</b>	
<b>Respiratory:</b>	At high concentrations: use a mask with A2P2-filter.
<b>Hand/skin:</b>	Use gloves with of PVC or Nitrile-butadiene-rubber.
<b>Eye:</b>	When risk for splashes exist: use safety spectacles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

<b>Appearance:</b>	White creamy liquid.	<b>Odour:</b>	Citrus.
<b>pH(conc.):</b>	app. 4	<b>Boiling point:</b>	100°C
<b>Density:</b>	1,07 g/ml	<b>Flash point:</b>	ca. 102°C
<b>Viscosity(40°C):</b>	> 7mm <sup>2</sup> /s	<b>Solubility in water:</b>	Dispersible in water.

## 10. STABILITY AND REAKTIVITY.

<b>Stability:</b>	Separate after freezing.
<b>Conditions to avoid:</b>	None.
<b>Material to avoid:</b>	None.
<b>Hazardous decomposition products:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION.

<b>Acute:</b>	The product is not tested. The information is based on knowledge of the toxicity of actual ingredients and oth related products. See item 3.
<b>Sensitizers:</b>	Do not contain any substances, classified as a sensitizer.
<b>Long term effects:</b>	Prolonged or repeated inhalation of high concentrations may cause damages on the central nervous syste. (painter's syndrome).

## 12. ECOLOGICAL INFORMATION.

	The product is not tested. The information is based on knowledge about similar products and on the properties of the actual ingredients.
<b>Biodegradability:</b>	Expected to be moderately biodegradable.
<b>Ecotoxicity:</b>	Available data suggests, that only larger local releases could constitute a severe risk.
<b>Environmental hazards:</b>	Could accumulate in aquatic systems. At large releases to the soil risk exists, that the product will penetrate the soil and contaminate the ground water.

## 13. DISPOSAL CONSIDERATIONS.

Transfer to a suitable container and dispose according to local regulations. **EWC-code<sup>3)</sup>:** 2001 1200

## 14. TRANSPORT INFORMATION.

Not restricted.

## 15. REGULATORY INFORMATION.

<b>Contains:</b>	-
<b>Labelling 1):</b>	None. The viscosity of the product is greater than 7mm <sup>2</sup> /s (40°C)
<b>R-phrases 1):</b>	-
<b>S-phrases 1):</b>	Keep out of reach of children.(2) (optional)
<b>Other:</b>	None.

## 16. OTHER INFORMATION.

- 1) According to directive 67/548/EEC  
 2) This ingredient is in compliance to directive 648/2004/EEC on detergents.  
 3) European Waste Code according to directive 91/156/EEC and 91/689/EEC