



## EU Material Safety Data Sheet

According to 91/155 EC & 93/112 EWG

Printing date 20.08.2003

Reviewed on 20.08.2003

### 1 Identification of substance:

- **Product details:**
- **Trade name:** Meguiar's G93-Extra All Surface Cleaner
- **Article number:** 16-157B
- **Application of the substance / the preparation:** Surface cleanser
- **Manufacturer/Supplier:**
  - Meguiar's USA  
17991 Mitchell South  
Irvine, CA 92614  
Tel: 949-752-8000  
Fax: 949-752-5784
  - Meguiar's Holland  
Laan der Verenigde Naties 40  
3314 DA Dordrecht  
Holland  
Tel.: 31-78-6210268  
Fax: 31-78-6166406  
E-mail: info@meguiarseurope.nl
  - Meguiar's France  
24rue Jacques Ibert  
92300 Levallois-Perret  
France  
Tel: 33-1-47595011  
Fax: 33-1-47595012
  - Meguiar's UK Ltd.  
14 Cottesbrooke Park  
Heartlands  
Daventry NN11 5YL  
Tel: 44-870-241-6696  
Fax: 44-1327-300-116
- **Informing department:** Product safety department
- **Emergency information:**
  - Emergency telephone Europe (Meguiar's): +31-78-6210268(Office hours)
  - Emergency telephone USA +1 703 527 3887 (24h)collect

### 2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

- **components:**

CAS: 497-19-8 EINECS: 207-838-8	sodium carbonate	☒ Xi; R 36	2.5-10%
CAS: 68603-42-9 EINECS: 271-657-0	Coconut oil, diethanolamide	☒ Xi; R 38-41	2.5-10%
CAS: 64-02-8 EINECS: 200-573-9	tetrasodium ethylenediaminetetraacetate	☒ Xn; R 22-36	2.5-10%

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CAS: 6834-92-0 EINECS: 229-912-9	disodium metasilicate	 C; R 34-37	2.5-10%
CAS: 68439-46-3	Mixture of C9-11 Alcohol Ethoxylates	 Xi; R 36/38	2.5-10%
CAS: 68551-12-2	Fatty alcohol polyglycol ether	 Xn,  N; R 22-41-50	2.5-10%

· **Additional information** For the wording of the listed risk phrases refer to section 16.

### 3 Hazards identification

· **Hazard designation:**



C Corrosive

· **Information pertaining to particular dangers for man and environment**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 34 Causes burns.

· **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### 4 First aid measures

· **General information** Instantly remove any clothing soiled by the product.

· **After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness bring patient into stable side position for transport.

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

· **After swallowing**

Do not induce vomiting; instantly call for medical help.

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

A person vomiting while lying on their back should be turned onto their side.

Rinse out mouth and then drink plenty of water.

### 5 Fire fighting measures

· **Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam.

· **Special hazards caused by the material, its products of combustion or resulting gases:**

Formation of toxic gases is possible during heating or in case of fire.

· **Protective equipment:**

Put on breathing apparatus.

Do not inhale explosion gases or combustion gases.

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### 6 Accidental release measures

- **Person-related safety precautions:**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Avoid contact with the eyes and skin.
- **Measures for environmental protection:**  
Dilute with plenty of water.  
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralizing agent.  
Ensure adequate ventilation.  
Dispose of contaminated material as waste according to item 13.
- **Additional information:** See Section 7 for information on safe handling

### 7 Handling and storage

- **Handling**
- **Information for safe handling:**  
Keep containers tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**  
With appropriate handling and storage no special measures necessarily
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from oxidizing agents.  
Do not store together with acids.
- **Further information about storage conditions:**  
Protect from frost.  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed containers.  
Store in a locked cabinet and out of the reach of children.  
Protect from heat and direct sunlight.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to general rules for handling chemicals.  
Keep away from foodstuffs, beverages and food.  
Take off immediately all contaminated clothing  
Wash hands during breaks and at the end of the work.

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- Avoid contact with the eyes and skin.
- **Breathing equipment:** Not necessary if room is well-ventilated.
  - **Protection of hands:**  
Protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  - **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
  - **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye protection:**  
Safety glasses  
Tightly sealed safety glasses.
  - **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic

#### · Change in condition

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	100°C

· **Flash point:** 93°C

· **Self-inflammability:** Product is not self igniting.

· **Danger of explosion:** Product is not explosive.

· **Vapour pressure at 20°C:** 23 hPa

· **Density at 20°C** 1.03 g/cm<sup>3</sup>

· **Solubility in / Miscibility with Water:** Fully miscible

· **pH-value at 20°C:** 13.5

· **Solvent content:**  
**Organic solvents:** 0.0 %

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**· Solids content:** 24.0 %

### 10 Stability and reactivity

- **Thermal decomposition/ Conditions to be avoided:** Protect from heat and direct sunlight.
- **Materials to be avoided:**
  - Strong acids
  - Strong oxidants
- **Dangerous reactions** No dangerous reactions with intended storage and use.
- **Dangerous products of decomposition:** none

### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**68603-42-9 Coconut oil, diethanolamide**

Oral | LD50 | 6500 mg/kg (rat)

- **Primary irritant effect:**

- **on the skin:** Caustic effect on skin and mucous membranes.
- **on the eye:** Strong caustic effect.

- **Sensitization:** No sensitizing effect known.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

### 12 Ecological information:

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

### 13 Disposal considerations

- **Product:**

- **Recommendation**

Hand over to disposers of hazardous waste.

Disposal must be made according to official regulations.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

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- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

**14 Transport information**

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Designation according to EC guidelines:**  
Observe the normal safety regulations when handling chemicals  
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

- **Code letter and hazard designation of product:**



C Corrosive

- **Risk phrases:**  
34 Causes burns.
- **Safety phrases:**  
1/2 Keep locked up and out of the reach of children.  
23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
28 After contact with skin, wash immediately with plenty of soap and water.  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
51 Use only in well-ventilated areas.  
56 Dispose of this material and its container to hazardous or special waste collection point.  
64 If swallowed, rinse mouth with water (only if the person is conscious).

- **National regulations**

- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

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**16 Other information:**

Information is based on our current knowledge but does not establish a promise of product characteristics and does not substantiate any contractual legal relationship.

· **Relevant R-phrases**

- 22 Harmful if swallowed.
- 34 Causes burns.
- 36 Irritating to eyes.
- 36/38 Irritating to eyes and skin.
- 37 Irritating to respiratory system.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.

· **Contact:** see page 1