

## Material Safety Data Sheet

According to 91/155/EC amended by 2001/58/EC

Printing date 22.07.2003

Reviewed on 14.01.2003

### 1 Identification of Product:

- **Use:** 41-112064 & 41-112064-2
- **Range:** AUTOTYPE POWDER ACTIVATOR - AA00A
- **Product Code(s):** AAA10 AAN47
- **Manufacturer/Supplier:**  
Sericol Limited  
Pysons Road, Broadstairs, Kent. CT10 2LE.  
Tel. +44 (0)1843 866668

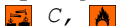
**Supplier:**  
Mega Electronics Ltd.,  
Mega Hs, Grip Industrial Estate,  
Linton, Cambridge. CB1 6NR  
Tel: 01223 893900

- **Information department:** Product Safety Department. +44 (0)1843 872030

### 2 Composition/Data on components:

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

- **Dangerous components:**

CAS: 124-43-6	Hydrogen Peroxide of Crystallisation	50-100%
EINECS: 204-701-4	 C, O; R 8-21-34	

### 3 Hazards identification

- **Hazard description:**



C Corrosive  
O Oxidising

- **Information pertaining to particular dangers for man and environment**  
R 8 Contact with combustible material may cause fire.  
R 21 Harmful in contact with skin.  
R 34 Causes burns.
- **Classification system**  
The classification was made according to the latest editions of the EU-lists, and expanded by company and literature data.

### 4 First aid measures

- **General information**  
Immediately remove any clothing soiled by the product.  
Never make an unconscious person vomit or drink fluids.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact**  
Immediately wash with soap and water and rinse thoroughly.  
Cover wound with a sterile dressing.  
Failure to treat burns can prevent wounds from healing.
- **After eye contact**  
Rinse open eye for several minutes under running water. Then consult a doctor.  
Seek medical treatment.
- **After swallowing**  
Give patient copious amounts of water to drink and provide fresh air.  
Call for a doctor immediately.

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### 5 Fire fighting measures

- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
In case of fire, the following can be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**  
Cool endangered containers with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### 6 Accidental release measures

- **Person-related safety precautions:**  
Refer to the protective measures stated in Sections 7 and 8. Keep unprotected personnel away.  
Ensure adequate ventilation
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities if seepage into water course or sewage system occurs.
- **Measures for cleaning/collecting:**  
Dispose of contaminated material as waste according to section 13.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:**  
Open and handle container with care.  
Ensure good ventilation and extraction at the workplace.  
Store in cool, dry place in tightly sealed containers.
- **Storage:**
- **Requirements to be met by storerooms and containers:**  
Store only in the original container.
- **Information about storage in one common storage facility:**  
Keep away from combustible material  
Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

### 8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:**  
Dust may be formed when using this material.  
Observe the following OES:  
Total inhalable dust: 10 mg/m<sup>3</sup> (8-hour time weighted average)  
Respirable dust: 4 mg/m<sup>3</sup> (8-hour time weighted average).
- **Additional information:**  
The information given is derived from the legislation in force at the time of preparation of the Safety Data Sheet
- **General protective and hygienic measures**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Dust Mask

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- **Protection of hands:**  
Rubber gloves  
PVC gloves
  - **Eye protection:** Tightly sealed goggles.
  - **Body protection:** Rubber apron
  - **COSHH Essentials for Printers Control Guidance Sheet:**  
P400 Special Situations
- Also see Section 16 'Other information'

### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	Crystalline powder
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic

#### · Change in condition

<b>Melting point/Melting range:</b>	78-85°C
<b>Boiling point/Boiling range:</b>	undetermined

- **Flash point:** Not applicable

- **Flammability (solid, gaseous)** Contact with combustibile material may cause fire.

- **Density at 20°C:** 1.00 g/cm<sup>3</sup>
- **Water at 20°C:** 500 g/l

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

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
Avoid heat and moisture
- **Materials to be avoided:**  
Acids, reducing agents, heavy metals, alkalis.  
Do not store or use near Autostrip (periodates)
- **Dangerous products of decomposition:**  
Oxygen (may cause pressure build up)

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Corrosive effect on skin and mucous membranes.
- **on the eye:** Strong corrosive effect.
- **Additional toxicological information:**  
Swallowing will lead to a strong corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.

### 12 Ecological information:

- **General notes:**  
Do not allow product to reach ground water, water course or sewage system.

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**13 Disposal considerations**

- **Product:**
- **Recommendation**  
Must not be disposed together with household rubbish. Do not allow product to reach sewage system.
- **Recommendation:**  
Dispose of product according to official regulations.  
Also see Section 16 'Other Information'

**14 Transport information**

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 5.1 Oxidizing substances.
- **Item:** 31c
- **UN-Number:** 1511
- **Description of goods:** Urea hydrogen peroxide

- **Maritime transport IMDG:**

- **IMDG Class:** 5.1
- **UN Number:** 1511
- **Packaging group:** III
- **EMS Number:** 5.1-05
- **MFAG:** 735
- **Marine pollutant:** No
- **Proper shipping name:** Urea hydrogen peroxide

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

- **ICAO/IATA Class:** 5.1
- **UN/ID Number:** 1511
- **Packaging group:** III
- **Proper shipping name:** Urea hydrogen peroxide

**15 Regulations**

- **Markings according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives on Hazardous Materials
- **Code letter and hazard designation of product:**  
C Corrosive  
O Oxidising
- **Risk phrases:**  
8 Contact with combustible material may cause fire.  
21 Harmful in contact with skin.  
34 Causes burns.
- **Safety phrases:**  
3 Keep in a cool place.  
8 Keep container dry.  
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 water.  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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**16 Other information:**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

*An "\*" in the left hand margin indicates an amendment from the previous version.*

*For UK Only; disposal can be arranged by Environmental Services,  
Telephone Number: (01843) 872080  
Fax Number: (01843) 872068*

*COSHH Essentials for Printers: HSE Books 2000 ISBN 0 7176 1835 8*

**• Relevant R-phrases**

*21 Harmful in contact with skin.*

*34 Causes burns.*

*8 Contact with combustible material may cause fire.*

**• Department issuing MSDS:** *Technical Administration - Sericol UK Limited*

**• Contact:** *Elaine Campling BSc.(Hons) - Product Safety Advisor*

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