

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.02.2011



Version number 3

Revision: 02.03.2010

1 Identification of the substance/mixture and of the company/ undertaking

- **Product identifier**
- **Range:** AUTOTYPE POWDER ACTIVATOR - AA00A
- **Product Code(s):** AAN47 (Mega Part Nos: 41-112064 & 41-112064-2)
- **Relevant identified uses of the substance or mixture and uses advised against**
The product should not be used for any purpose other than that specified in Section 1.
- **Details of the supplier of the safety data sheet/** **Supplier:**
- **Manufacturer:** **Mega Electronics Ltd.,**
Fujifilm Speciality Ink Systems Limited **Mega House. Grip Ind.Estate**
Pysons Road, Broadstairs, Kent. CT10 2LE. **Linton, Cambs. CB21 4XN**
Tel. +44 (0)1843 866668 **Tel: +44(0) 1223 893900**
- **Information department:**
Product Safety Department. +44 (0)1843 872030
elaine.campling@fujifilmsis.com
- **Emergency telephone number:** Elaine Campling BSc.(Hons) +44(0)1843 872030
- **Distributor:**
FUJIFILM UK LTD
St Martins Way
St Martins Business Centre
Bedford. MK42 0LF UK
TEL : +44 (0) 1234 245245

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 C; Corrosive
 R34: Causes burns.
-  O; Oxidising
 R8: Contact with combustible material may cause fire.
- **Classification system:**
The classification was made according to the latest editions of the EU-lists, and expanded by company and literature data.

- **Label elements**
- **Labelling 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
- **Hazard-determining components of labelling:**
Hydrogen Peroxide of Crystallisation
- **Risk phrases:**
8 Contact with combustible material may cause fire.
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.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **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 R34;  Xn R21;  O R8  Ox. Sol. 2, H272;  Skin Corr. 1B, H314;  Acute Tox. 4, H312	

4 First aid measures

- **Description of 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.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
Alcohol resistant foam
CO₂, sand, extinguishing powder.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Advice for firefighters**
- **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

- **Personal precautions, protective equipment and emergency procedures**
Refer to the protective measures stated in Sections 7 and 8. Keep unprotected personnel away.
Ensure adequate ventilation
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities if seepage into water course or sewage system occurs.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose of contaminated material as waste according to section 13.

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- **Reference to other sections**
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions 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.
- **Conditions for safe storage, including any incompatibilities**
- **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/personal protection

- **Control parameters**
- **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/m³ (8-hour time weighted average)
Respirable dust: 4 mg/m³ (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
- **Exposure controls**
- **General protective and hygienic measures**
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Store protective clothing separately.
Keep away from foodstuffs, beverages and feed.
- **Breathing equipment:** Dust Mask
- **Protection of hands:**
Rubber gloves
PVC gloves
- **Eye protection:** Tightly sealed goggles.
- **Body protection:** Rubber apron
- **COSHH Essentials for Printers Control Guidance Sheet:**
Guidance is provided by the Health and Safety executive (HSE) concerning COSHH (Control of Substances Hazardous to Health) for printers.
See COSHH Essentials for Printers on the HSE website:
www.hse.gov.uk and enter 'COSHH Essentials for printers' in the search bar.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Solid.
Colour:	According to product specification
- **Odour:** Characteristic
- **pH-value at 20°C:** 5.5
- **Change in condition**

Melting point/Melting range:	78-85°C
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Boiling point/Boiling range: undetermined	
· Flash point:	Not applicable
· Flammability (solid, gaseous)	Contact with combustible material may cause fire.
· Density at 20°C:	0.7 g/cm ³
· Water at 20°C:	800 g/l
· Solvent content:	
Organic solvents:	0.0 %

10 Stability and reactivity

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

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

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

Oral	LD50	4060 mg/kg (rat)
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- **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

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.
Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation**
Must not be disposed together with household rubbish. Do not allow product to reach sewage system.
 - **European waste catalogue**
- | | |
|----------|--------------------------------|
| 09 01 99 | wastes not otherwise specified |
|----------|--------------------------------|
- **Recommendation:**
Dispose of product according to official regulations.

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Also see Section 16 'Other Information'

14 Transport information

· Land transport ADR/RID (cross-border)



- ADR/RID class: 5.1 Oxidising substances.
- Danger code (Kemler): 58
- UN-Number: 1511
- Packaging group: III
- Label 5.1+8
- UN proper shipping name: 1511 UREA HYDROGEN PEROXIDE
- Tunnel restriction code E

· Maritime transport IMDG:



- IMDG Class: 5.1
- UN Number: 1511
- Label 5.1+8
- Packaging group: III
- EMS Number: F-A, S-Q
- 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
- Label 5.1+8
- Packaging group: III
- Proper shipping name: UREA HYDROGEN PEROXIDE

- Special precautions for user Warning: Oxidising substances.

15 Regulatory information

- Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

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

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· Relevant phrases*H272 May intensify fire; oxidiser.**H312 Harmful in contact with skin.**H314 Causes severe skin burns and eye damage.**R21 Harmful in contact with skin.**R34 Causes burns.**R8 Contact with combustible material may cause fire.***· Department issuing MSDS:***Product Safety Department - Fujifilm Speciality Ink Systems Limited***· Contact:** *Elaine Campling BSc.(Hons) - Product Safety Manager*

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