

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Supplier: Autotype International Limited
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England
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Product Name: **ACTIVATOR POWDER**

Product Description: Powder containing Hydrogen Peroxide of Crystallisation.

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

NAMES	CONCENTRATION	SYMBOL	R/S-PHRASES	REGISTRATION NOS
Urea Hydrogen Peroxide	100%	C	R34 S26,S36/37/39 S45	CAS NR: 124-43-6. EC No: 204-701-4

3. HAZARD IDENTIFICATION

Corrosive solution with water - causes burns.
Oxidising Properties.

4. FIRST AID MEASURES**Inhalation:**

Not applicable.

Ingestion:

Drink water. Get medical aid.

Eye Contact:

Irrigate with water for 15 minutes.

Skin Contact:

Wash thoroughly with plenty of water. Get medical aid.

Further Medical Treatment:

Seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHER MEDIA Suitable: Water Not Suitable: CO₂, BFC.

Exposure Hazards:

Oxides of Nitrogen and Carbon.

Protective Equipment:

Wear breathing apparatus if other combustibles are present and burning.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Gloves, skin protection.
Rubber gloves, skin protection.

Environmental Precautions:

Protect drains.

Methods for Cleaning:

Collect for chemical disposal. Flush with excess water.

7. HANDLING AND STORAGE

Store in cool, dry conditions in original container. Avoid heat, sunlight, moisture and contamination.

Do not rebottle used solution.

8. EXPOSURE CONTROLS/PERSONNEL PROTECTION**Exposure Controls:**

As dust 10mg/m³. Pure Hydrogen Peroxide 1ppm (gas).

Respiratory Equipment:

Not applicable.

Hand Protection:

Rubber/PVC gloves.

Eye Protection:

Goggles.

Other Protection:

Rubber apron for large quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Crystalline powder.	Colour:	White.
Odour:	None.	pH:	5-6
Boiling Point:	N/A	Melting Point	d.>60°C
Flash Point:	N/A	Flammability:	Flammable solid.
Autoflammability:	N/A	Explosive Limit:	N/A
Oxidising Properties:	Oxidiser.	Vapour Pressure:	N/A
Relative Density:	@ 20°C 1.3g/cm³.	Solubility in Water:	500g/l.
Viscosity:	N/A		

10. STABILITY AND REACTIVITY

Stability: Stable @<61°C

Conditions to Avoid:

Heat, moisture.

Materials to Avoid:

Acids, reducing agents, heavy metals, alkalis. Do not store or use near Autostrip (periodates)

Hazardous Decomposition Products:

Oxygen (may cause pressure build up).

Ammonia.

11. TOXICOLOGICAL INFORMATION**Inhalation:**

Not applicable.

Urea Hydrogen Peroxide

LC50=N/A.

Ingestion:

Blistering of mucous membrane, swelling.

Urea Hydrogen Peroxide

LD50=4060 mg/Kg Skin-Rat (Hydrogen peroxide)

Skin Contact:

Irritation, reddening, blistering.

Eye Contact:

Irritation, corneal damage.

Long Term Exposure:

No recorded incidents.

12. ECOLOGICAL INFORMATION

This product is a soluble organic material containing hydrogen peroxide. It is not an organic peroxide. It does not contain any materials on the EC Black/Grey lists. In concentrated form the product can show biocidal activity but in typical effluent concentrations, tests have shown no inhibition of activated sludge and washings may be regarded as drain safe and biodegradable.

13. DISPOSAL CONSIDERATIONS

Strictly by authorised chemical disposal.
Waste Category: EWC 09 01 99

14. TRANSPORTATION INFORMATION**This product is hazardous for shipment.**

UN No: 1511

Packing Group: III

Marine Pollutant: No

Proper Shipping Name: Urea Hydrogen Peroxide.

ADR/RID Class: 5.1/8

IMO Class: 5.1/ 8

CDG Transport Cat.: 3

ICAO/IATA Class: 5.1/ 8

IMDG Code: 5191

ADR Transport Cat.: 2

15. REGULATORY INFORMATION**Classification:**

Corrosive

Contains:

Hydrogen Peroxide of Crystallisation.

EC No: 204-701-4

Canadian Class E.

Germany Water Pollution Class 1.

R-Phrases:

R34 Causes burns.

S-Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves, face protection.

S45: In case of accident or feeling unwell, seek medical advice immediately

16. OTHER INFORMATION

Read the instructions carefully before using.

N/A - Not Applicable

The information and recommendations contained in the Company's literature or elsewhere are based on knowledge at the time of printing and are believed to be accurate. Whilst such details are printed in good faith, they are intended to be a guide only and shall not bind the Company. Due to constant development, customers are urged to obtain up-to-date technical information from representatives of the Company and not to rely exclusively on printed material. Customers are reminded of the importance of obtaining and complying with instructions for the handling and use of chemicals and materials supplied as the Company cannot accept responsibility for any loss or injury caused through non-compliance.

Date of Printing

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