

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

1.1 Product identifiers

Product name : Pro Clean Part 1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Photographic Cleaning Solution

1.3 Details of the supplier of the safety data sheet

Supplier/distributor : Jay House Ltd
6B Park Lane Industrial
Estate Park Lane
Corsham
SN13 9LG

Telephone : 01249 714555
Internet : info@fotospeed.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin corrosion (Category 1A) H314

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]



Pictogram

Signal word Danger

Hazard statement(s)

H290 Highly flammable liquid and vapour

H314 Causes severe skin burns and eye damage

Precautionary statement(s)

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

Supplemental Hazard statements None

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

CAS No.	EC No.	Index No.	Classification	Concentration
Sulfuric acid				
7664-93-9	231-639-5	016-020-00-8	Skin Corr.1A H314	28%

For the full text of the H-Statements mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

If vapour or mists are breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Take off contaminated clothing and shoes immediately Wash off with soap and plenty of water and seek further medical attention.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and seek immediate medical attention.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. and seek immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The product when properly handled is not dangerous for the human health. Harmful effects are expected only in case of misuse.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use media such as alcohol/aqueous foam, dry chemical, or carbon dioxide or water spray/fog which is suitable and appropriate for any surrounding fire.

5.2 Special hazards arising from the substance or mixture

May produce hazardous sulfur oxides in decomposition fumes and combustion products if involved in a fire.

5.3 Advice for firefighters

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus Use water spray to cool containers. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

5.4 Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapours or mists. Ensure adequate ventilation.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

6.3 Methods and materials for containment and cleaning up

Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with occupational exposure limits

Component	CAS No.	Reference period	Exposure Limit	Basis
Sulphuric acid (mist)	7664-93-9	8hr TWA	0.05 mg/m ³	EH/40 WEL (thoracic fraction)

8.2 Exposure controls

Appropriate engineering controls

Use in well ventilated areas. Use mechanical ventilation in poorly ventilated areas.

Personal protective equipment

Eye/face Protection

Use equipment for eye protection tested and approved under appropriate standards such as EN 166.

Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Recommended glove types include Nitrile and Neoprene gloves.

Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

Where risk assessment in accordance with the hierarchy of controls established within the Chemical Agents Directive shows a requirement for respirators as a means of control use acid gas filter type E.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|-------------------------------------------------|--------------------------------|
| a) Appearance | Form: Clear colourless liquid |
| b) Odour | Characteristic |
| c) Odour Threshold | No data available |
| d) pH | ~1 |
| e) Melting point/freezing point | No data available |
| f) Initial boiling point and boiling range | >100°C |
| g) Flash point | No data available |
| h) Evaporation rate | No data available (water = 1). |
| i) Flammability (solid, gas) | No data available |
| j) Upper/lower flammability or explosive limits | Non-flammable |
| k) Vapour pressure | No data available |
| l) Vapour density | No data available |
| m) Relative density | No data available |
| n) Water solubility | Miscible in water |
| o) Partition coefficient: (n- octanol/water) | No data available |
| p) Auto-ignition temperature | No data available |
| q) Decomposition temperature | No data available |
| r) Viscosity | No data available |
| s) Explosive properties | None |
| t) Oxidizing properties | None |

9.2 Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available on mixture.

10.2 Chemical stability

Expected to be stable at normal temperatures and under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No specific data.

10.5 Incompatible materials

Bases, Halides, Organic materials, Carbides, fulminates, Nitrates, picrates, Cyanides, Chlorates, alkali halides, Zinc salts, permanganates, e.g. potassium permanganate, Hydrogen peroxide, Azides Perchlorates., Nitromethane, phosphorous, Reacts violently with: cyclopentadiene, cyclopentanone oxime, nitroaryl amines, hexalithium disilicide, phosphorous(III) oxide, Powdered metals

10.6 Hazardous decomposition products

No hazardous decomposition products when stored and handled correctly.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD₅₀ (oral)/LD₅₀ (dermal)/LC₅₀ (inhalation): No acute lethal effects.

Skin corrosion/irritation

Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Causes severe eye damage which may lead to permanent loss of sight if not treated immediately.

Respiratory or skin sensitisation

No known sensitisation potential.

Germ cell mutagenicity

No known mutagenic potential.

Carcinogenicity

Prolonged and repeated exposure to sulphuric acid mists has been linked to increased rates of cancer.

Reproductive toxicity

No known toxic to reproduction potential.

Specific target organ toxicity - single exposure

Inhalation of vapours or mists may respiratory irritation

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

Not expected to pose an aspiration hazard.

Potential health effects

Inhalation	Inhalation of vapours, aerosols or mists may cause respiratory tract irritation.
Ingestion	Causes severe burns to mouth, throat and stomach lining
Skin	Causes severe burns in contact with skin.
Eyes	Causes severe burns which can lead to blindness.

Signs and Symptoms of Exposure

Ingestion may cause nausea, vomiting and abdominal pain.

Additional Information

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Pulmonary edema. Effects may be delayed.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

No data available..

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available. Not expected to bioaccumulate.

12.4 Mobility in soil

No data available. Not expected to be mobile in soil.

12.5 Results of PBT and vPvB assessment

No data available. Will not meet PBT or vPvB criteria.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Material is classified as hazardous waste under the Hazardous Waste Regulations 2005. Contact a licensed professional waste disposal service to dispose of this material. Do not discharge into drains or watercourses without prior approval.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 2796

IMDG: 2796

IATA: 2796

14.2 UN proper shipping name

ADR/RID: SULPHURIC ACID with not more than 51% acid.

IMDG: SULPHURIC ACID with not more than 51% acid.

IATA: SULPHURIC ACID with not more than 51% acid.

14.3 Transport hazard class(es)

ADR/RID: 8

IMDG: 8

IATA: 8

14.4 Packaging group

ADR/RID: II

IMDG: II

IATA: II

14.5 Environmental hazards

ADR/RID: No

IMDG Marine pollutant: No

IATA: No

14.6 Special precautions for user

No data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Health & Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations 2002 (as amended)

Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended)

EH40/2005 Workplace Exposure Limits (as amended)

Environmental Protection Act 1990

Hazardous Waste Regulations 2005 (as amended)

15.2 Chemical Safety Assessment

No data available.

16. OTHER INFORMATION

Further information

Text of H-code(s) mentioned in Section 3

H290 Highly flammable liquid and vapour

H314 Causes severe skin burns and eye damage

Revision History

First Issue

Recommended restrictions on use

Use in accordance with manufacturer's technical instructions.

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Use in accordance with manufacturer's technical instructions.

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Jay House Ltd. (Jay House). However, Jay House makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.