Jay House Ltd

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II and SI 2020:1577 (UK REACH)
Version 1 Revision Date 20.4.2021

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

1.1 Product identifiers

Product name : Residual Hypo Tester

UFI :

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

Identified uses : Photographic Processing 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. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Skin irritation (Category 2) H315
Eye irritation (Category 2) H319
Aquatic Acute (Category 1) H400
Aquatic Chronic (Category 1) H410

2.2 Label elements

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

Pictogram 

Signal word Warning

Hazard statement(s)

H315 Causes skin irritation
H319 Causes serious eye irritation
H410 Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

P273 Avoid release into the environment
P280 Wear eye/face protection
P301 + P310 + 330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor

Supplemental Hazard statements None

2.3 Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Component		Classification	Concentration
Acetic acid			
CAS-No. EC-No. Registration No.	64-19-7 200-580-7 01-2119475328-30--xxxx	Flam. Liq.3, H226; Skin Corr.1A, H314 (Skin Corr.1A >=90%, Skin Corr.1B >=25-<90%, Eye Irrit.2/Skin Irrit.2 >=10-<25%)	<4.5%
Silver nitrate			
CAS-No. EC-No. Registration No.	7761-88-8 231-853-9 01-2119513705-43-xxxx	Oxid. Solid 2, H272; Met.Corr.1, H290; Skin Corr. 1B, H314; Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=100)	<0.75%

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

Inhalation:

Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention.

Eyes

Rinse thoroughly with plenty of water for at least 15 minutes and seek prompt medical attention if irritation persists.

Skin

Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. If irritation persists, obtain medical attention.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek prompt 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

Highly dependent on combustion conditions May produce 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 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 contact with skin and eyes 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
Acetic acid	64-19-7	8hr TWA 15minSTEL	25 mg/m^3 50 mg/m^3	EH/40 WEL
Silver nitrate	7761-88-8	8hr TWA	0.01 mg/m^3	EH/40 WEL

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 in accordance with a specific PPE risk assessment.

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, Polythene and PVC gloves (breakthrough time for total immersion 4 to 8 hours).

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. After contact with skin wash off immediately. Wash hands before breaks and immediately after using the product.

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 filter type P

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: Clear viscous liquid
b)	Odour	No data available Characteristic
c)	Odour Threshold	No data available
d)	pH	No data available
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
Strong oxidising agents, acids and alkalis

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
LD_{50} (oral)/LD_{50} (dermal)/LC_{50} (inhalation): No acute lethal effects.

Skin corrosion/irritation
Skin irritant.

Serious eye damage/eye irritation
Eye irritant.

Respiratory or skin sensitisation
No known sensitisation potential.

Germ cell mutagenicity
No known mutagenic potential.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Reproductive toxicity

No known toxic to reproduction potential.

Specific target organ toxicity - single exposure
Inhalation of vapours or mists may cause mild transient 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 mild respiratory tract irritation.
Ingestion	May cause nausea and gastric pain if swallowed
Skin	Causes skin irritation.
Eyes	Causes eye irritation.

Signs and Symptoms of Exposure
Ingestion may cause nausea, vomiting and abdominal pain.

Additional Information
None.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Expected to be very toxic to aquatic life with long lasting effects

12.2 Persistence and degradability
No data available. Expected to be persistent in the aquatic environment

12.3 Bioaccumulative potential
No data available. Not expected to bioaccumulate.

12.4 Mobility in soil
No data available. Expected to be mobile in soil causing contamination.

12.5 Results of PBT and vPvB assessment
No data available. It is anticipated that this material will meet PBT / vPvB classification 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: 3082 IMDG: 3082 IATA: 3082

14.2 UN proper shipping name
ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSSTANCE, LIQUID (nos)
IMDG: ENVIRONMENTALLY HAZARDOUS SUBSSTANCE, LIQUID (nos)
IATA: ENVIRONMENTALLY HAZARDOUS SUBSSTANCE, LIQUID (nos)

14.3 Transport hazard class(es)
ADR/RID: 9 IMDG: 9 IATA: 9

14.4 Packaging group
ADR/RID: III IMDG: III IATA: III

14.5 Environmental hazards
ADR/RID: Yes IMDG Marine pollutant: Yes IATA: Yes

14.6 Special precautions for user
No data available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 (as amended) and SI 2020:1577 (UK REACH).

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

H226 Flammable liquid and vapour
H272 May intensify fire; oxidiser
H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H319 Causes serious eye irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

Revision History
First Issue

Recommended restrictions on use

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.