

ILFORD PHOTO

HARMAN technology Ltd

SAFETY DATA SHEET

Washaid

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name	Washaid
Product number	1970902
Internal identification	10438
Container size	1 Liter

Recommended use of the chemical and restrictions on use

Application	Wash additive
-------------	---------------

Details of the supplier of the safety data sheet

Supplier	HARMAN technology Ltd Ilford Way, Mobberley, Cheshire, WA16 7JL, UK. Tel: +44(0)1565 650000; Fax: +44(0)1565 872734. (http://harmantechnology.com)
----------	--

Contact Person	Trevor Rhodes (Trevor.Rhodes@harmantechnology.com). Tel: as Supplier, above. Based in USA: Michael Bain. Tel: 888 372 2338 extension 106.
----------------	--

Emergency telephone number

Emergency telephone	USA/Canada: For medical emergency, call 1 800 842 9660 (Product Misuse).
---------------------	--

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards	Not Classified
Health hazards	Repr. 2 - H361d
Environmental hazards	Not Classified

Label elements

Pictogram



Signal word	Warning
-------------	---------

Hazard statements	H361d Suspected of damaging the unborn child.
-------------------	---

Precautionary statements	P308+P313 If exposed or concerned: Get medical advice/ attention. P405 Store locked up. P302+P352 If on skin: Wash with plenty of water. P501 Dispose of contents/ container in accordance with local regulations. P280 Wear protective clothing, gloves, eye and face protection.
--------------------------	--

Contains	N-carboxymethyliminobis(ethylenitrilo)tetra(acetic acid)
----------	--

Washaid

Other hazards

No information available.

3. Composition/information on ingredients

Mixtures

Sodium Sulfit	5-10%
CAS number: 7757-83-7	

Classification
Not Classified

N-carboxymethyliminobis(ethylenenitrilo)tetra(acetic acid)	1-5%
CAS number: 67-43-6	

Classification
Acute Tox. 4 - H332
Eye Irrit. 2 - H319
Repr. 2 - H361d

Sodium Laureth Sulphate	<1%
CAS number: 68585-34-2	

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	May cause temporary eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
-----------------------------	------------------------------

5. Fire-fighting measures

Washaid

Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Specific hazards The product is non-combustible. No unusual fire or explosion hazards noted.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Sulfur. Carbon. Nitrogen. Sodium.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials. Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin and eyes. Provide adequate ventilation. For personal protection, see Section 8.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13.

Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing, gloves, eye and face protection.
Small Spillages: Flush away spillage with plenty of water.
Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Read and follow manufacturer's recommendations.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container. Storage advice to ensure the product remains in a useable condition throughout its specified shelf life: Store at temperatures above 0°C. Store at temperatures not exceeding 30°C.

Storage class Chemical storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Ingredient comments No exposure limits known for ingredient(s).

Exposure controls

Washaid

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

Use protective gloves.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Clear liquid.
Color	Colorless.
Odor	No characteristic odor.
pH	pH (concentrated solution): 8
Initial boiling point and range	>100°C @ 760 mm Hg
Relative density	1.097 @ 20°C
Solubility(ies)	100% Soluble in water.
Other information	Not available.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable under the prescribed storage conditions. No particular stability concerns.
Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid contact with acids.
Materials to avoid	Strong acids. Avoid contact with other photographic solutions and/or cleaning compounds.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Sulfur. Carbon. Nitrogen. Sodium.

11. Toxicological information

Information on toxicological effects

Toxicological effects	This chemical formulation has not been tested for health effects. Exposure effects listed are based on existing health data for the individual components that comprise the mixture.
-----------------------	--

Acute toxicity - inhalation

Washaid

ATE inhalation (gases ppm) 250,640.53

ATE inhalation (vapours mg/l) 612.68

ATE inhalation (dusts/mists mg/l) 83.55

Reproductive toxicity

Reproductive toxicity - development The product contains a substance that is classified as: Suspected of damaging the unborn child.

Inhalation Unlikely to be hazardous by inhalation because of the low vapor pressure of the product at ambient temperature. May cause respiratory system irritation.

Ingestion No specific health hazards known.

Skin Contact No specific health hazards known. Prolonged and frequent contact may cause redness and irritation.

Eye contact No specific health hazards known. May cause temporary eye irritation.

Route of exposure Skin and/or eye contact Ingestion.

Medical considerations No information available.

12. Ecological Information

Toxicity The product is not expected to be hazardous to the environment.

Persistence and degradability

Persistence and degradability No data available.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is soluble in water.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

Disposal methods Used, diluted, and spent solutions may be allowed to be discharged to sanitary sewer by permit IF allowed by local regulations. Consult your local authority for advice. Waste may have to be pre-treated before discharge. Consult local authorities before discharging any waste to sewer. Do not discharge to septic system. Waste that cannot be discharged to sewer may have to be handled by a licensed hazardous waste contractor.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

Not applicable.

UN proper shipping name

Washaid

Not applicable.

Transport hazard class(es)

Not applicable.

Transport labels

No transport warning sign required.

DOT transport labels

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

DOT TIH Zone

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US State Regulations

State Regulations Comments No information available.

Inventories

US - TSCA

Water

Sodium Sulfite

N-carboxymethyliminobis(ethylenetrilo)tetra(acetic acid)

Sodium Laureth Sulphate

Sodium Sulfate

Sodium Chloride

Siloxane/ ethylene oxide copolymer

16. Other information

General information

HARMAN technology Ltd believe the information and recommendations contained herein are based on correct and factual data. However, no express or implied guarantee or warranty of any kind is made with respect to this information. Use this information only to supplement other information you have gathered and then make an independent determination about the completeness and suitability of all information to ensure the proper use and disposal of this product and the health and safety of employees and customers.

Key literature references and sources for data

European Photographic Chemical Industry Code of Practice For Classification And Labelling Material Safety Data Sheet, Misc. manufacturers.

Washaid

Issued by HS&E Advisor Dr Trevor Rhodes Tel: +44(0)1565 650000, email: trevor.rhodes@harmantechnology.com

Revision date 6/11/2018

Revision 2

Supersedes date 14/05/2015

Hazard statements in full H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H361d Suspected of damaging the unborn child.