



SAFETY DATA SHEET INK WASH

According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR)

1. Identification

Product identifier

Product name INK WASH

Recommended use of the chemical and restrictions on use

Restriction on use Water Based Printing Ink Remover

Details of the supplier of the safety data sheet

Supplier GLUEGUARD INC.
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N1K 1B6
Tel : +1 855 422 2928
Email : info@glueguard.com

Manufacturer LARRAGARD LIMITED
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Emergency telephone number

Emergency telephone Tel : +44 (0)1924 403550 (Office Hours)

2. Hazard identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

Label elements

Pictogram



Signal word Danger

INK WASH

Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage.
Precautionary statements	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contains

Other hazards

Hazard id 2a

Hazard ID 2A

"Hazard ID 2A"

Hazard

3. Composition/information on ingredients

Mixtures

2-(2-BUTOXYETHOXY)ETHANOL	1-5%
CAS number: 112-34-5	
Classification Eye Irrit. 2A - H319	
TETRAPOTASSIUM PYROPHOSPHATE	1-5%
CAS number: 7320-34-5	
Classification Eye Irrit. 2A - H319	
ARYL ETHER PHOSPHATE ESTER, POTASSIUM SALT	1-5%
CAS number: 72283-31-9	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	
DISODIUM METASILICATE	1-5%
CAS number: 6834-92-0	
Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335	

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Lutensol XL 70	1-5%
CAS number: —	
Classification	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	

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

Ingredient notes MIXTURE OF SUBSTANCES LISTED ABOVE WITH NON-HAZARDOUS ADDITIONS.

4. First-aid measures

Description of first aid measures

Inhalation	Not relevant. Inhalation unlikely. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Irritation of nose, throat and airway.
Ingestion	May cause discomfort if swallowed.
Skin contact	Causes skin irritation. Prolonged and frequent contact may cause redness and irritation.
Eye contact	Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Specific hazards arising from the hazardous product

Specific hazards Irritating gases or vapours.

Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

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Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

Methods and material for containment and cleaning up

Methods for cleaning up Flush away spillage with plenty of water. Large Spillages: Absorb spillage with sand or other inert absorbent.

Reference to other sections

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

7. Handling and storage

Precautions for safe handling

Usage precautions For personal protection, see Section 8.

Conditions for safe storage, including any incompatibilities

Storage precautions Store away from the following materials: Oxidizing materials. Keep only in the original container. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Specific end use(s)

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

8. Exposure controls/Personal protection

Exposure controls

Protective equipment



Appropriate engineering controls Not relevant.

Eye/face protection The following protection should be worn: Chemical splash goggles or face shield.

Hand protection Wear protective gloves.

Other skin and body protection Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection Respiratory protection not required.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Liquid.

Colour Yellow.

Odour Slight.

pH pH (concentrated solution): >11.5

Initial boiling point and range ~100°C

Relative density ~1.03 @ 20°C

Solubility(ies) Miscible with water.

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Other information None.

10. Stability and reactivity

Reactivity Reactions with the following materials may generate heat: Strong acids.

Stability No particular stability concerns.

Possibility of hazardous reactions See sections 10.1, 10.4 & 10.5

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid Strong acids. Aluminium, Tin, Zinc and their alloys.

Hazardous decomposition products No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 30,203.64

12. Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

Toxicity No data available.

Persistence and degradability

Persistence and degradability This product, at use dilutions, is readily broken down in biological effluent treatment plants.

Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Mobility in soil

Mobility Not known.

Other adverse effects

Other adverse effects Not known.

13. Disposal considerations

Waste treatment methods

Disposal methods Discharge used solutions to drain. Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

14. Transport information

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

UN number

INK WASH

UN No. (International)	Not applicable.
<u>UN proper shipping name</u>	
Proper shipping name (International)	Not applicable.
<u>Transport hazard class(es)</u>	
Transport Labels (International)	No transport warning sign required.
<u>Packing group</u>	
Packing group (International)	Not applicable.
<u>Environmental hazards</u>	
Environmentally hazardous substance/marine pollutant	
No.	
<u>Special precautions for user</u>	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

Regulatory Status	According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended), and the requirements of the Hazardous Product Regulations (HPR).
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16. Other information

General information	Quality Assurance: Larragard Limited, Conforms to ISO 9001 : 2015 Cert. No. 14130209 Environmental Standard: Larragard Limited, Conforms to ISO 14001 : 2015 Cert No. 14124144 Occupational Health and Safety Management Systems: Larragard Limited, Conforms to OHSAS 18001 : 2007 Cert No. 14124145
Revision date	16.01.14 - SDS10093
Revision	27/07/2018
Supersedes date	2018-08-30
Hazard statements in full	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Uses Advised Against: The product should not be used for any other purpose other than its intended use. Handling, storage and conditions to avoid instructions must be followed at all times.