

SAFETY DATA SHEET

Version 1

Issuing Date: 19-Dec-2018

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product code LRW-12100, LRW-2030

Product Name LAL Reagent Water

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

Product Use Reagent.

Uses advised against No information available.

1.3. Details of the supplier of the safety data sheet

Supplier

FUJIFILM Europe GmbH
Heesenstraße 31
40549 Düsseldorf, Germany

Manufactured by

FUJIFILM Wako Chemicals U.S.A. Corporation
1600 Bellwood Road
Richmond, VA 23237

For further information, please contact:

Company Phone Number U.S.A: +804-271-7677

E-mail Address EHS@fujifilm.com

1.4. Emergency telephone number

CHEMTREC UK: +(44)-870-8200418

Europe	+49 (0)211 5089 137 (9:00 a.m. to 6 p.m.)
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.3. Other hazards

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

No dangerous ingredients according to Regulation (EC) No. 1907/2006

Full text of H- and EUH-phrases: see section 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice	Health injuries are not known or expected under normal use
Eye contact	Not expected to cause eye irritation.
Skin contact	Non-irritating to the skin
Ingestion	No known hazard by swallowing.
Inhalation	If not breathing, give artificial respiration.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing agent suitable for type of surrounding fire.

Unsuitable Extinguishing Media

None known

5.2. Special hazards arising from the substance or mixture

The product itself does not burn

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Wipe up with adsorbent material (e.g. cloth, fleece)

6.4. Reference to other sections

See section 7 for more information.

See section 8 for more information.

See Section 12 for additional Ecological Information.

See section 13 for more information.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

7.3. Specific end use(s)

Reagent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit value This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye Protection Safety glasses with side-shields.

Hand Protection Wear protective gloves.

Skin and body protection Long sleeved clothing.

Respiratory protection Ensure adequate ventilation.

General Hygiene Considerations When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended.

Environmental Exposure Controls No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, Colorless	Odor	Odorless
Odor Threshold	No information available	Physical State @20°C	Liquid
pH	6 - 8	Flash point	No information available
Boiling point / boiling range	100 °C / 212 °F	Decomposition temperature	No information available
Autoignition temperature	No information available	Freezing Point	No information available
Melting point / melting range	No information available	Flammability Limit in Air	No information available
Flammability (solid, gas)	No information available	Explosive Properties	No information available
Oxidizing Properties	No information available	Solubility	No information available
Specific Gravity	No information available	Vapor Pressure	No information available
Evaporation rate	No information available	Density	No information available
Vapor density	No information available	Partition coefficient: n-octanol/water	No information available
Dynamic viscosity			

Other information
Molecular Weight 18.02 AMU

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Acute toxicity	
Inhalation	No known effects under normal use conditions.
Eyes	No known effects under normal use conditions.

Skin	No known effects under normal use conditions.
Ingestion	No known hazard by swallowing.

Component Information

No information available

Chronic toxicity
Carcinogenicity

None known.

Corrosivity

None known.

Sensitization

None known.

Reproductive Toxicity

None known.

Mutagenic Effects

None known.

Target Organ Effects

No information available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity**Ecotoxicity**

Contains no substances known to be hazardous to the environment or that are not degradable in wastewater treatment plants

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods**Waste from residues/unused products**

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. TRANSPORT INFORMATION

<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR/RID</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
Special precautions for users	No information available.

15. REGULATORY INFORMATION

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

International Inventories

TSCA	Yes
EINECS/ELINCS	Yes
DSL/NDSL	Yes
PICCS	Yes
ENCS	Yes
IECSC	Yes
AICS	Yes
KECL	Yes

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

No information available.

16. OTHER INFORMATION

Prepared By	FUJIFILM Environment, Health and Safety, phone: (01) (800) 473-3854
Revision Date	19-Dec-2018
Revision Note	CLP Annex VI harmonized classification(s) and/or available REACH registration information are the primary data sources referenced in determining the classification of this product.

This safety data sheet complies with the requirements of: Regulation (EC) No 1272/2008.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the

date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.