METTLER TOLEDO SAFETY DATA SHEET

according to the Globally Harmonized System

InLab Storage Solution

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

1.1. Product identifier

Product name InLab Storage Solution

Product code 30095327, 30111142

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

Use of the Substance/Mixture Laboratory chemicals

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification

Mettler-Toledo GmbH
Im Langacher 44
CH-8606 Greifensee
Switzerland
Tel: +41 22 567 53 22
Fax: +41 22 567 53 23
Email: ph.lab.support@mt.com

1.4. Emergency telephone number (24-Hour-Number): GBK GmbH +49 6132 84463

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Version GHS 2 (Previous versions: GHS 1)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 The substance or mixture is not classified.

In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

Additional information For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements

Signal Word -

Hazard Statements None.

Precautionary statements None.

Supplemental information None.

Product identifier None.

Contents of package < 125 ml

None.

2.3. Other hazards No hazards to be specially mentioned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Water based solution of inorganic salts.

Components		CLP Classification	Product identifier
Deionised water	80% - 90%	-	CAS-No.: 7732-18-5 EC-No.: 231-791-2
Potassium chloride	10% - 20%	-	CAS-No.: 7447-40-7 EC-No.: 231-211-8
Potassium hydrogen phthalate	0.2 - 2%	-	CAS-No.: 877-24-7 EC-No.: 212-889-4

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move to fresh air in case of accidental inhalation of vapours or decomposition products. Consult a physician for severe cases.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Ingestion Rinse mouth. Consult a physician for severe cases.

4.2. Most important symptoms and effects, both acute and delayed	If you feel unwell, seek medical advice (show the label where possible).
4.3. Indication of any immediate medical attention and special treatment needed	None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.
Unsuitable extinguishing media	None.
5.2. Special hazards arising from the substance or mixture	The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.3. Advice for firefighters

Special protective equipment for firefighters	Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus. Wear protective suit.
Specific methods	Water mist may be used to cool closed containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Ensure adequate ventilation. Use personal protective equipment. Sweep up to prevent slipping hazard. Avoid contact with skin and eyes. Do not breathe vapours/dust.
For emergency responders	Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment. Sweep up to prevent slipping hazard.
6.2. Environmental precautions	Do not flush into surface water or sanitary sewer system.
6.3. Methods and material for containment and cleaning up	Soak up with inert absorbent material. Keep in suitable and closed containers for disposal (Plastic container of HDPE).
6.4. Reference to other sections	See chapter 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Wear personal protective equipment. Avoid contact with skin and eyes.
7.2. Conditions for safe storage, including any incompatibilities	Store at room temperature in the original container.
7.3. Specific end use(s)	No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)	No data is available on the product itself.

8.2. Exposure controls

Appropriate engineering controls	Avoid contact with skin, eyes and clothing.
Personal protection equipment	
Respiratory protection	In case of good ventilation no personal respiratory protective equipment required.
Hand protection	Gloves made of latex. The selected protective gloves have to satisfy the specifications of Regulation (EU) No. 2016/425 and the standard EN 374 derived from it. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Eye protection	Safety glasses with side-shields conforming to EN166.
Skin and body protection	Long sleeved clothing.
Thermal hazards	No special measures required.
Environmental exposure controls	No special measures required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Colourless.
Odour	None.
Odour Threshold	Not determined.
pH:	3.80
Melting point/ freezing point:	Not determined.

Boiling point or initial boiling point / range:	~ 100 °C
Flash point:	Not determined.
Evaporation Rate:	Not determined.
Flammability:	Not determined.
Lower and upper explosion limit:	Not determined.
Vapour pressure:	Not determined.
Relative vapour density:	Not determined.
Density and/or relative density:	1.1
Water solubility:	completely miscible
Partition coefficient n-octanol/water (log value):	Not determined.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Kinematic viscosity:	Not determined.
Explosive properties:	not hazardous
Oxidising properties:	None

9.2. Other information

General Product Characteristics	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	No information available.
10.2. Chemical stability	Stable at normal conditions.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	Not required.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	None reasonably foreseeable.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	No data is available on the product itself. **Deionised water (CAS 7732-18-5)** Oral LD50 Rat > 90 mL/kg (FOOD_JOURN) **Potassium chloride (CAS 7447-40-7)** Oral LD50 Rat = 2600 mg/kg (NLM_CIP) **Potassium hydrogen phthalate (CAS 877-24-7)** Oral LD50 Rat > 3200 mg/kg (NLM_CIP)
Skin corrosion/irritation	No data available.

Serious eye damage/eye irritation	No data available.
Respiratory / Skin Sensitisation	No data available.
Carcinogenicity	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	No data available.
Information on likely routes of exposure	dermal
Other information	The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 12: Ecological information

12.1. Toxicity	No data is available on the product itself.
Potassium chloride (CAS 7447-40-7)	
Ecotoxicity - Freshwater Algae - Acute Toxicity Data	EC50 72 h Desmodesmus subspicatus 2500 mg/L (IUCLID)
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Lepomis macrochirus 1060 mg/L [static] (EPA) LC50 96 h Pimephales promelas 750 - 1020 mg/L [static] (EPA)
Ecotoxicity - Water Flea - Acute Toxicity Data	EC50 48 h Daphnia magna 825 mg/L (IUCLID) EC50 48 h Daphnia magna 83 mg/L [Static] (EPA)
12.2. Persistence and degradability	Expected to be biodegradable.
12.3. Bioaccumulative potential	Bioaccumulation is unlikely.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
12.6. Other adverse effects	No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of as unused product.

SECTION 14: Transport information

ADR/RID	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
Further Information	Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

Regulatory Information	In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

Potassium chloride (CAS 7447-40-7)	
TEDX (The Endocrine Disruption Exchange) - Potential Endocrine Disruptors	Present
EU - REACH (1907/2006) - List of Registered Intermediates	Present ([231-211-8])
EU - REACH (1907/2006) - List of Registered Substances	Present
Potassium hydrogen phthalate (CAS 877-24-7)	
EU - REACH (1907/2006) - List of Registered Substances	Present

15.2. Chemical safety assessment	Not required.

SECTION 16: Other information

Revision Note	This data sheet contains changes from the previous version in section(s): 1, 3, 8, 9, 11, 15.
Key or legend to abbreviations and acronyms	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)

Key literature references and sources for data	Information taken from reference works and the literature.
Classification procedure	Calculation method.
Full text of phrases referred to under sections 2 and 3	None.
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. It is not to be considered a warranty or quality specification.