

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

1.1. Product identifier

Product form	Mixture
Product name	Trasyol Solution
Product code	07773

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

Use of the substance/mixture: For laboratory and manufacturing use only

1.3. Details of the supplier of the safety data sheet

LabChem Inc.
Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court
Zelensville, PA 18083, USA
T 412-826-5230 F 724-473-0847
www.labchem.com www.labchem.com

1.4. Emergency telephone number

Emergency number: CHEMTREC: 1-800-424-9300 or 011-703-527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

Other hazards not contributing to the classification: None under normal conditions.

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Water	ECAR No. 7732-18-8	98.98	Not classified
Sodium Chloride	ECAR No. 7647-14-6	0.9	Not classified
Aerobion	ECAR No. 8087-76-1	0.15	Aqua Tox. 4 (DHW, H302)

Full list of H-phrases: see section 10

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid measures general

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First aid measures after inhalation

Assure fresh air breathing. Allow the victim to rest.

First aid measures after skin contact

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First aid measures after eye contact

Rinse immediately with plenty of water. Obtain medical attention if pain, stinging or redness persists.

First aid measures after ingestion

Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/signs

Not expected to present a significant hazard under anticipated conditions of normal use.

11/17/2014

EN (English)

Page 1

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Band.
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting

Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	Safety glasses. Gloves.
Emergency procedures	Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8: Exposure controls and personal protection

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Keep container closed when not in use.
Incompatible products	Strong oxidisers.
Incompatible materials	Sources of ignition. Direct sunlight.

7.3. Specific and usual

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control measures

Trasyol Solution	
ACQ#1	Not applicable
OSHA	Not applicable
Aerobion (8087-76-1)	
ACQ#1	Not applicable
OSHA	Not applicable
Sodium Chloride (7647-14-6)	
ACQ#1	Not applicable

11/17/2014

EN (English)

Page 2

Aerobion (8087-76-1)	
OSHA	Not applicable
Water (7732-18-8)	
ACQ#1	Not applicable
OSHA	Not applicable

8.2. Exposure controls

Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.
Personal protective equipment: Avoid all unnecessary exposure.

Hand protection

Wear protective gloves.

Eye protection

Chemical goggles or safety glasses.

Respiratory protection

Wear appropriate mask.

Other information

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Colourless
Odour	None
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Solubility	Soluble in water. Water: Solubility in water of component(s) of the mixture. - Aerobion: > 10 g/l
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Not established.

11/17/2014

EN (English)

Page 3

Aerobion (8087-76-1)	
OSHA	Not applicable
Water (7732-18-8)	
ACQ#1	Not applicable
OSHA	Not applicable

8.2. Exposure controls

Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation.
Personal protective equipment: Avoid all unnecessary exposure.

Hand protection

Not classified

Eye protection

Not classified

Respiratory protection

Not classified

Other information

Do not eat, drink or smoke during use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Aerobion (8087-76-1)	
LD50 oral rat	773 mg/kg
ATE US (oral)	773 000 mg/kg bodyweight
Sodium Chloride (7647-14-6)	
LD50 oral rat	3000 mg/kg
LD50 dermal rat	10000 mg/kg
ATE US (oral)	3000 000 mg/kg bodyweight
ATE US (dermal)	10000 000 mg/kg bodyweight
ATE US (dust, resp)	10000 000 mg/kg
Water (7732-18-8)	
LD50 oral rat	> 90000 mg/kg
ATE US (oral)	90000 000 mg/kg bodyweight
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified
Possible adverse human health effects and symptoms	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Sodium Chloride (7647-14-6)	
LC50 fishes 1	7610 mg/l
EC50 Daphnia 1	1000 mg/l
12.2. Persistence and degradability	
Trasyol Solution	
Persistence and degradability	Not established.
Sodium Chloride (7647-14-6)	
Persistence and degradability	Not established.
Water (7732-18-8)	
Persistence and degradability	Not established.
12.3. Bioaccumulative potential	
Trasyol Solution	
Bioaccumulative potential	Not established.

11/17/2014

EN (English)

Page 4