

SAFETY DATA SHEETS

This SDS packet was issued with item:

078793908

N/A

Baxter

Product Name: 10% TRAVASOL. (AMINO ACID) INJECTION
Product Code: 1B6623, 1B6624, 1B6626P
Rev. Date: 11/16/2015

Based upon the 2012 Occupational Safety & Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), this product is not considered hazardous and a Safety Data Sheet (SDS) is not required.

We value your business and will make every effort to supply you with the information needed to train your employees to work safely with Baxter Products. Should you need additional information, please feel free to contact us at Medical Information.

PHONE: 800-933-0303 (8 A.M. TO 5 P.M. CENTRAL STANDARD TIME)

EMAIL: MedInfo_MedProducts@baxter.com

ADDRESS: BAXTER HEALTHCARE CORPORATION
ONE BAXTER PARKWAY
DF6-1E
DEERFIELD, IL 60015

Issuing Date: 07/10/2017

Revision Date: 07/10/2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product Identifier**

SDS Number: 2017630
Product Name: 10% Travasol (Amino Acid) Injection

Other means of identification

Product Code(s): 1B6623, 1B6624, 1B6626, NDC 0338-0644-03, NDC 0338-0644-04, NDC 0338-0644-06
Synonyms: None

Recommended use of the chemical and restrictions on use

Product Use: Pharmaceutical.
Product Type: Regulated Prescription Drug
Uses advised against No information available

Details of the supplier of the safety data sheet

BAXTER HEALTHCARE CORPORATION
1 BAXTER PARKWAY
DEERFIELD, ILLINOIS 60015
US: (800) 933-0303
Canada: (855)-584-1368

Emergency telephone number

Rocky Mountain Poison and Drug Center: USA (888) 990-0996
OUTSIDE USA (303) 389-1422
CHEMTREC: USA (800) 424-9300 OUTSIDE USA (743)741-6089

2. HAZARDS IDENTIFICATION**Classification****OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label Elements**Emergency Overview**

The product contains no substances which at their given concentration, are considered to be hazardous to health

Hazards not otherwise classified (HNOC)**Other Information**

Unknown Acute Toxicity 7.91 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight-%
Leucine	61-90-5	<1

Isoleucine	73-32-5	<1
Lysine	56-87-1	<1
Valine	72-18-4	<1
Phenylalanine	63-91-2	<1
Histidine	71-00-1	<1
Threonine	72-19-5	<1
Methionine	63-68-3	<1
Tryptophan	73-22-3	<1
Alanine	56-41-7	1-5
Arginine	74-79-3	1-5
Glycine	56-40-6	1-5
Proline	147-85-3	<1
Serine	56-45-1	<1
Tyrosine	1191-85-1	<0.1
Water	7732-18-5	>90

4. FIRST AID MEASURES

First Aid Measures

General Advice	Treat symptomatically and supportively.
Eye contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.
Skin contact:	Wash contaminated skin with soap and water. Get medical attention if irritation develops.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. See patient package insert in shipping carton for complete information.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

No information available.

Special protective equipment for firefighters

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).

Environmental Precautions

See Section 12 for environmental precautions.

Methods and material for containment and cleaning up**Methods for Containment:**

If emergency personnel are unavailable, contain spilled material.

Methods for cleaning up

For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Technical measures/precautions: Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions Keep containers tightly closed in a cool, well-ventilated place. Store at room temperature 25 °C (77 °F). Avoid excessive heat. Protect from freezing.

Incompatible materials No special restrictions on storage with other products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Exposure Limits: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Component	OSHA- Time Weighted Average:	OSHA- Short Term Exposure Limit:	OSHA- Ceiling Limits	ACGIH- Time Weighted Average:	ACGIH- Short Term Exposure Limit:	ACGIH- Ceiling Limit Value:
Leucine 61-90-5	None	None	None	None	None	None
Isoleucine 73-32-5	None	None	None	None	None	None
Lysine 56-87-1	None	None	None	None	None	None
Valine 72-18-4	None	None	None	None	None	None
Phenylalanine 63-91-2	None	None	None	None	None	None
Histidine 71-00-1	None	None	None	None	None	None
Threonine 72-19-5	None	None	None	None	None	None
Methionine 63-68-3	None	None	None	None	None	None
Tryptophan 73-22-3	None	None	None	None	None	None
Alanine 56-41-7	None	None	None	None	None	None
Arginine 74-79-3	None	None	None	None	None	None
Glycine 56-40-6	None	None	None	None	None	None
Proline 147-85-3	None	None	None	None	None	None
Serine 56-45-1	None	None	None	None	None	None

Tyrosine 1191-85-1	None	None	None	None	None	None
Water 7732-18-5	None	None	None	None	None	None

Appropriate engineering controls

Engineering Measures No special containment is required. Good general ventilation should be sufficient to control airborne levels.

Individual protection measures, such as personal protective equipment

Eye protection Eye protection not required for normal final product use. Safety glasses with side-shields are recommended for laboratory and manufacturing use.

Hand protection Use chemical resistant, impervious gloves.

Skin and body protection Work uniform or laboratory coat.

Respiratory protection No personal respiratory protective equipment normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Aqueous solution
Color: Clear, Colorless.
Odor: No information available
Odor Threshold: No information available
pH: 5.0 - 7.0
Melting point / melting range: No information available
Boiling point / boiling range: No information available
Flash point: No information available
Evaporation rate: No information available
Flammability (solid, gas): No information available
Flammable limits in air-upper (%): No information available
Flammable limits in air-lower (%): No information available
Vapor pressure: No information available
Vapor Density: No information available
Density: No information available
Solubility: Soluble in water.
Partition coefficient (n-octanol/water): No information available
Autoignition temperature: No information available
Decomposition Temperature: No information available
Viscosity: No information available
Explosive Properties: No information available
Oxidizing Properties: No information available

Other Information

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to Avoid

Do not freeze. Avoid excessive heat.

Incompatible materials

None known

Hazardous Decomposition Products

No data available

11. TOXICOLOGICAL INFORMATION

Component	Inhalation LC50	Dermal LD50	Oral LD50
Leucine 61-90-5	-	-	-
Isoleucine 73-32-5	-	-	-
Lysine 56-87-1	-	-	-
Valine 72-18-4	-	-	-
Phenylalanine 63-91-2	-	-	-
Histidine 71-00-1	-	-	> 15 g/kg (Rat)
Threonine 72-19-5	-	-	-
Methionine 63-68-3	-	-	= 36 g/kg (Rat)
Tryptophan 73-22-3	-	-	> 16 g/kg (Rat)
Alanine 56-41-7	-	-	-
Arginine 74-79-3	-	-	-
Glycine 56-40-6	-	-	= 7930 mg/kg (Rat)
Proline 147-85-3	-	-	-
Serine 56-45-1	-	-	-
Tyrosine 1191-85-1	-	-	-
Water 7732-18-5	-	-	> 90 mL/kg (Rat)

Information on likely routes of exposure

- Inhalation:** Inhalation not likely under normal use conditions.
- Eye contact:** Not expected to cause eye irritation.
- Skin contact:** Not expected to cause skin irritation.

Ingestion: Hypersensitivity (may include drug fever, rash, itching, anaphylaxis). Liver function effects (may include increased levels of SGOT, SGPT, serum LDH, jaundice). Fluid imbalances (may include water loss, electrolyte imbalances, dehydration). Metabolic alkalosis. Metabolic acidosis.

Information on Toxicological Effects

Symptoms: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: Not classified.

Corrosivity: Not classified.

Sensitization: Not classified.

Mutagenic effects: No mutagenicity studies have been conducted.

Carcinogenic effects: Long-term animal carcinogenicity studies have not been performed.

Component	ACGIH	IARC	NTP	OSHA
Leucine 61-90-5	-	-	-	-
Isoleucine 73-32-5	-	-	-	-
Lysine 56-87-1	-	-	-	-
Valine 72-18-4	-	-	-	-
Phenylalanine 63-91-2	-	-	-	-
Histidine 71-00-1	-	-	-	-
Threonine 72-19-5	-	-	-	-
Methionine 63-68-3	-	-	-	-
Tryptophan 73-22-3	-	-	-	-
Alanine 56-41-7	-	-	-	-
Arginine 74-79-3	-	-	-	-
Glycine 56-40-6	-	-	-	-
Proline 147-85-3	-	-	-	-
Serine 56-45-1	-	-	-	-
Tyrosine 1191-85-1	-	-	-	-
Water 7732-18-5	-	-	-	-

Reproductive toxicity: Reproductive studies have not been conducted on the product itself.

STOT - single exposure: Not classified.

STOT - repeated exposure: Not classified.

Aspiration Hazard: Not classified.

Numerical measures of toxicity - Product Information**Unknown Acute Toxicity**

7.91 % of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION

Component	Ecotoxicity - Water Flea Data	Fish Species Ecotoxicity	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data
Leucine 61-90-5	None.	None.	None.	None.
Isoleucine 73-32-5	None.	None.	None.	None.
Lysine 56-87-1	None.	None.	None.	None.
Valine 72-18-4	None.	None.	None.	None.
Phenylalanine 63-91-2	None.	None.	None.	None.
Histidine 71-00-1	None.	None.	None.	None.
Threonine 72-19-5	None.	None.	None.	None.
Methionine 63-68-3	None.	None.	None.	None.
Tryptophan 73-22-3	None.	None.	None.	None.
Alanine 56-41-7	None.	None.	None.	None.
Arginine 74-79-3	None.	None.	None.	None.
Glycine 56-40-6	None.	None.	None.	None.
Proline 147-85-3	None.	None.	None.	None.
Serine 56-45-1	None.	None.	None.	None.
Tyrosine 1191-85-1	None.	None.	None.	None.
Water 7732-18-5	None.	None.	None.	None.

Ecotoxicity

No information available

10 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulative potential

No information available

Mobility in soil

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products In accordance with local and national regulations
Contaminated Packaging In accordance with local and national regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

U.S. Regulations:

TSCA Inventory List -

The product is exempt from TSCA, it is FDA Regulated

OTHER REGULATIONS:

Component	Weight-%	RCRA Status:	CERCLA Reportable Quantity:	CERCLA/SARA - 302 Ext. haz. substances:	Listed as Sara 313 title III:
Leucine 61-90-5	<1	Not Listed	Not Listed	Not Listed	Not Listed
Isoleucine 73-32-5	<1	Not Listed	Not Listed	Not Listed	Not Listed
Lysine 56-87-1	<1	Not Listed	Not Listed	Not Listed	Not Listed
Valine 72-18-4	<1	Not Listed	Not Listed	Not Listed	Not Listed
Phenylalanine 63-91-2	<1	Not Listed	Not Listed	Not Listed	Not Listed
Histidine 71-00-1	<1	Not Listed	Not Listed	Not Listed	Not Listed
Threonine 72-19-5	<1	Not Listed	Not Listed	Not Listed	Not Listed
Methionine 63-68-3	<1	Not Listed	Not Listed	Not Listed	Not Listed
Tryptophan 73-22-3	<1	Not Listed	Not Listed	Not Listed	Not Listed
Alanine 56-41-7	1-5	Not Listed	Not Listed	Not Listed	Not Listed
Arginine 74-79-3	1-5	Not Listed	Not Listed	Not Listed	Not Listed
Glycine 56-40-6	1-5	Not Listed	Not Listed	Not Listed	Not Listed
Proline 147-85-3	<1	Not Listed	Not Listed	Not Listed	Not Listed

Serine 56-45-1	<1	Not Listed	Not Listed	Not Listed	Not Listed
Tyrosine 1191-85-1	<0.1	Not Listed	Not Listed	Not Listed	Not Listed
Water 7732-18-5	>90	Not Listed	Not Listed	Not Listed	Not Listed

STATE REGULATIONS:

Component	California Prop. 65	Minnesota Right-To -Know:	Florida Right-to-Know Reporting List:	Rhode Island Right-to-Know List:	Massachusetts Right-to-Know List:	Pennsylvania Right-to-Know:	New Jersey Right-to-Know:
Leucine 61-90-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Isoleucine 73-32-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Lysine 56-87-1	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Valine 72-18-4	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Phenylalanine 63-91-2	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Histidine 71-00-1	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Threonine 72-19-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methionine 63-68-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Tryptophan 73-22-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Alanine 56-41-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Arginine 74-79-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Glycine 56-40-6	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Proline 147-85-3	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Serine 56-45-1	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Tyrosine 1191-85-1	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Water 7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

CANADIAN REGULATIONS:

Canada DSL Inventory List -

This product does not comply with DSL

16. OTHER INFORMATION**This data sheet contains changes from the previous version in section(s):**

None

Additional information:

Not Available.

Prepared by

Baxter Research & Development

Issuing Date:

07/10/2017

Revision Date:

07/10/2017

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet