



Release Date: 10/26/18

REF	Product Name
GTIN	

08P2320	<i>Alinity c Activated Aspartate</i>
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Components:

08P23 R1	Alinity c Activated Aspartate Aminotransferase Reagent 1
08P23 R2	Alinity c Activated Aspartate Aminotransferase Reagent 2

Abbott Customers:

For additional information, please contact your Abbott Customer Support Center Representative by calling 1-800-527-1869, 1-800-323-9100, or 1-800-235-5396.

Abbott employees:

For additional information relative to the content of the SDSs, please contact your local Safety Representative.

Safety Data Sheet

Last alteration on 12/08/2016

1 Identification

· **Product name:** **Alinity c Activated Aspartate Aminotransferase Reagent 1**

· **ADD List number:** 08P23 R1

· **Application of the substance / mixture:** For In Vitro Diagnostic Use

· **Manufacturer / Supplier:**

Abbott Diagnostics
100 Abbott Park Road
Abbott Park, IL 60064-3500

Phone: 1-877-4 ABBOTT

· **Department issuing SDS:** Abbott Diagnostics Environmental Health and Safety

· **Emergency telephone number**

Contact the CHEMTREC® Emergency Call Center for assistance with transportation or hazardous materials emergencies (24 hours/day, 7 days/week). Refer to Abbott customer number 675805.

- Telephone (800) 424-9300 (toll-free) if you are calling from within the United States, Canada, Puerto Rico and the Virgin Islands.

- Telephone +1 (703) 527-3887, the international and maritime number (collect calls accepted), if you are calling from outside the United States or from a ship at sea.

2 Hazard(s) identification

· **Classification of the substance or mixture**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

· **Label elements**

· **GHS label elements:** The product is labelled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



· **Signal word:** Warning

· **Hazard statements:**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· **Precautionary statements:**

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye 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.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1

P337+P313 If eye irritation persists: Get medical advice/attention.

Routes of Exposure:

Skin
Eye

Hazard Overview

Health:

Causes skin irritation
Causes eye irritation

Fire: Noncombustible

Reactivity: Minimal hazard - Stable, even in a fire. Not reactive with water. Not an oxidizer.

3 Composition/information on ingredients

Chemical characterization: Mixture of chemical and/or biological substances for in vitro diagnostic use.

Hazardous chemical ingredients per U.S. OSHA criteria (29 CFR 1910.1200 Hazard Communication):

CAS: 56-84-8	Aspartic acid	3.70%
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4 First-aid measures

After inhalation: Remove from source of exposure. If irritation or signs of toxicity occur, seek medical attention.

After skin contact:

Take off any clothing that the product touched.

Rinse skin with running water for 15 to 20 minutes. Seek medical attention if irritation or signs of toxicity occur.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wash hands after handling.

After swallowing: Rinse mouth with water. If irritation or signs of toxicity occur, seek medical attention.

Information for Medical Personnel

Most important symptoms and effects, both acute and delayed:

Cramps
Gastric or intestinal disorders
Nausea
Skin irritation
Eye irritation

Medical conditions aggravated by exposure:

Pre-existing gastrointestinal tract ailments
Pre-existing respiratory ailments
Pre-existing eye ailments
Pre-existing skin ailments

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Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1

5 Fire-fighting measures

· Suitable extinguishing agents

Dry chemical, carbon dioxide (CO₂), water spray or regular foam.

- Caution: CO₂ will displace air in confined spaces and may cause an oxygen-deficient atmosphere.
- For larger fires: There are no unique chemical or reactivity hazards that would impact firefighting decisions related to this product. Use firefighting measures that suit the environment.

· Special hazards arising from the substance or mixture

There are no unique chemical or reactivity hazards that would impact firefighting decisions due to the chemicals in this product.

· Protective equipment

For large fires, wear appropriate heat- and flame-resistant personal protective equipment and a NFPA/NIOSH approved positive-pressure, self-contained breathing apparatus.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Minimize exposure by using appropriate personal protective equipment as listed in Section 8. Stop leak if possible. Keep unprotected persons away.

· Environmental precautions

Prevent liquid and vapor from entering sewage system, storm drains, surface waters, and soil.

· Methods and material for containment and cleaning up

Blot up small volumes of spilled or spattered product with paper towels or similar materials.

- Contain larger spills by placing absorbents around the outside edges of the spill. Absorb with any material suitable for water-based liquids - e.g. paper towels, universal sorbents, sand, diatomite, sawdust, etc.

Clean the affected area. Suitable cleaners are:

- warm water and detergent or similar cleansing agent

Dispose of spilled and contaminated material in accordance with Federal, State, and Local regulations. See Section 13 for information that may impact disposal of materials contaminated with this product.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· Precautions for safe handling:

Avoid contact with skin.

Avoid contact with eyes.

· Information about protection against explosions and fires: The product is not flammable.

· Requirements to be met by storerooms and receptacles:

Store only in the original container.

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Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1

Refer to the package insert or product label for additional information on storage conditions for product quality.

- **Information about storage in one common storage facility:** Store in original packaging.
- **Further information about storage conditions:** Protect from heat and direct sunlight.

8 Exposure controls/personal protection

· Components with Occupational Exposure Limits

The product does not contain any hazardous ingredients with occupational exposure limits established by OSHA, ACGIH, or NIOSH.

· **General protective and hygienic measures:**

Always maintain good housekeeping and follow general precautionary measures. Do not eat, drink or store food and beverages in areas where chemicals or specimens are used. Wash hands before breaks, after handling reagents and specimens, and at the end of the workshift.

Avoid contact with the skin.

Avoid contact with the eyes.

· **Breathing equipment:**

Normal use and storage of product - respiratory protection is not necessary if room is well ventilated.

Small-volume spills (e.g. small enough to clean up with a paper towel or small sorbent pad) - respiratory protection should not be necessary if room is well ventilated.

Other unusual conditions (e.g. volume spilled too big to clean up with materials in arm's reach) - Use appropriate NIOSH-approved air-purifying respirator if airborne chemical concentrations may exceed the exposure limit (if any) listed above.

Hazardous Materials Emergencies or Firefighting - use NIOSH/NFPA-approved respiratory protection.

· **Hand protection:**

Wear impervious gloves if hand contact with the material is anticipated. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

· **Material of gloves and breakthrough time of the glove material:**

The glove material must be suitable for use in a microbiological laboratory and have a measured breakthrough time of at least 30 minutes, such as those with a Class 2 protection index per EN374 (or equivalent standard applicable in your region). NOTE: This recommendation applies only to the product stated in this Safety Data Sheet. When dissolving in or mixing with other substances, contact the supplier of approved gloves.

· **Eye protection:**

Wear safety glasses or other protective eyewear. If splash potential exists, wear full face shield or goggles.

· **Body protection:**

Normal use: protect personal clothing from spatters and small spills. Wear a laboratory coat (or other protective clothing required by your institution).

Larger spills (e.g. that can saturate cloth): wear appropriate water-repellant covering over clothing.

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1

9 Physical and chemical properties

General Information

· **Form:** Solution
· **Color:** Yellow

· **Odor:** Odorless

· **pH-value at 20 °C (68 °F)** 8.7

· **Melting point/Melting range:** Not determined
· **Boiling point/Boiling range:** Not determined

· **Flash point** Not applicable

· **Flammability (solid, gaseous)** Not applicable

· **Auto igniting** Product is not self-igniting.

· **Danger of explosion** Product does not present an explosion hazard.

Explosion limits

· **Lower:** Not determined
· **Upper:** Not determined

· **Density at 20 °C (68 °F)** 1.0242 g/cm³ (8.5469 lbs/gal)

· **Evaporation rate:** Not determined

Solubility in / Miscibility with

· **Water:** Fully miscible
· **Dynamic:** Not determined

· **Water:** 95.1 %
· **Solids content:** 0.0 %

10 Stability and reactivity

Thermal decomposition / conditions to be avoided

No decomposition if used and stored according to specifications.

· **Possibility of hazardous reactions:** No dangerous reactions known.

· **Conditions to avoid:** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1

11 Toxicological information

· Acute toxicity

- LD50/LC50 values for hazardous ingredients per OSHA criteria:

· Ingredients (100% pure substance/s):

CAS: 56-84-8 Aspartic acid

Mutagenicity	(Ames Assay) (Multiple methods) (mammalian cells) Positive in the human sperm morphology assay (experimental, oral, 5 men in study vs. 5 controls, unknown if dose-response relationship demonstrated). (mouse) (In vivo single gavage 2000 mg/kg bw) Bone marrow erythrocytes; endpoint = in vivo micronucleus (other) (E. coli with and without activation standard plate)
Target Organ Effects	(human) Poisoning may cause liver changes.

CAS: 1310-73-2 Sodium hydroxide

Oral	LD50	2,000 mg/kg (rat)
	LDLo	500 mg/kg (rabbit)
Dermal	LD50	1,350 mg/kg (rabbit)

- **Primary toxicological effects of the final product:**
 - **Skin irritation:** Irritating to skin and mucous membranes.
 - **Eye irritation:** Irritating.
- **Sensitization:** No sensitizing effects known.

· Additional toxicological information: None

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· Target organs/systems:

Eye
Skin

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1

Additional ecological information

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

Results of PBT and vPvB assessment

· **PBT:** Not applicable

· **vPvB:** Not applicable

13 Disposal considerations

Recommendation for disposal of unused product:

Dispose in accordance with federal, state and local regulations.

Recommendation for disposal of packaging:

Non-contaminated packaging may be used for recycling. Refer to applicable local regulations and institutional policies.

For disposal of contaminated packaging, refer to applicable local regulations and institutional policies.

· **Recommended cleansing agent:** Water with cleansing agents, if necessary.

14 Transport information

· **DOT, ADN, IMDG, IATA** none

UN proper shipping name

· **DOT, ADR, ADN, IMDG, IATA** none

Transport hazard class(es)

· **DOT, ADR, ADN, IMDG, IATA**

· **Class** none

· **DOT, IMDG, IATA** none

Environmental hazards

· **Marine pollutant:** No

Additional information

· **DOT**

· **Remarks:** Not restricted for transportation.

· **ADR**

· **Remarks:** Not restricted for transportation.

· **IMDG**

· **Remarks:** Not restricted for transportation.

· **IATA**

· **Remarks:** Not restricted for transportation.

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1

15 Regulatory information

· SARA (Superfund Amendments and Reauthorization Act of 1986 - USA):

· Section 302/304 (40CFR355.30 / 40CFR355.40):

The product does not contain listed substances.

· Section 313 (40CFR372.65):

The product does not contain listed substances.

· California Proposition 65 (USA):

· Chemicals known to cause cancer:

The product does not contain listed substances.

· Chemicals known to cause female reproductive toxicity:

None of the ingredients is listed.

· Chemicals known to cause male reproductive toxicity:

None of the ingredients is listed.

· Chemicals known to cause developmental reproductive toxicity:

CAS: 1405-41-0 Gentamicin sulfate

16 Other information

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· Department issuing SDS

- Abbott Diagnostics Safety, Health and Environmental Assurance
Department 0571

· Contact

- General information about this product:
Abbott Diagnostics
Technical Support
100 Abbott Park Road
Abbott Park, IL 60064-3500

Phone: 1-877-4 ABBOTT

· Date of preparation / last revision 10/26/2018 / 5

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 1**· Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (Division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: persistent, bioaccumulative and toxic
vPvB: very persistent and very bioaccumulative
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

· * Sections marked with an asterisk (*) have been altered since the previous version.

Safety Data Sheet

Last alteration on 12/05/2016

1 Identification

· **Product name:** **Alinity c Activated Aspartate Aminotransferase Reagent 2**

· **ADD List number:** 08P23 R2

· **Application of the substance / mixture:** For In Vitro Diagnostic Use

· **Manufacturer / Supplier:**

Abbott Diagnostics
100 Abbott Park Road
Abbott Park, IL 60064-3500

Phone: 1-877-4 ABBOTT

· **Department issuing SDS:** Abbott Diagnostics Environmental Health and Safety

· **Emergency telephone number**

Contact the CHEMTREC® Emergency Call Center for assistance with transportation or hazardous materials emergencies (24 hours/day, 7 days/week). Refer to Abbott customer number 675805.

- Telephone (800) 424-9300 (toll-free) if you are calling from within the United States, Canada, Puerto Rico and the Virgin Islands.

- Telephone +1 (703) 527-3887, the international and maritime number (collect calls accepted), if you are calling from outside the United States or from a ship at sea.

2 Hazard(s) identification

· **Classification of the substance or mixture**

This product has been evaluated per the classification criteria in the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). This product does not meet the criteria for classification in accordance with the GHS.

· **Label elements**

· **GHS label elements:** none

· **Hazard pictograms:** none

· **Signal word:** none

· **Hazard statements:** none

· **Routes of Exposure:**

- Skin: No adverse effects expected when used as directed.
- Eye: No adverse effects expected when used as directed.
- Inhalation: No adverse effects expected when used as directed.
- Ingestion: No adverse effects expected when used as directed.

· **Hazard Overview**

- **Health:** No adverse effects expected if used as directed.
- **Fire:** Noncombustible
- **Reactivity:** Minimal hazard - Stable, even in a fire. Not reactive with water. Not an oxidizer.

3 Composition/information on ingredients

· **Chemical characterization:** Mixture of chemical and/or biological substances for in vitro diagnostic use.

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 2

Hazardous chemical ingredients per U.S. OSHA criteria (29 CFR 1910.1200 Hazard Communication):

CAS: 77-86-1	Tris hydroxymethyl aminomethane	3.53%
CAS: 56-84-8	Aspartic acid	1.60%

4 First-aid measures

- **After inhalation:** Remove from source of exposure. If irritation or signs of toxicity occur, seek medical attention.
- **After skin contact:**
Take off any clothing that the product touched.
Rinse skin with running water for 15 to 20 minutes. Seek medical attention if irritation or signs of toxicity occur.
- **After eye contact:**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wash hands after handling.
- **After swallowing:** Rinse mouth with water. If irritation or signs of toxicity occur, seek medical attention.
- **Information for Medical Personnel**
 - **Most important symptoms and effects, both acute and delayed:**
Kidney effects
Liver effects
 - **Medical conditions aggravated by exposure:**
Pre-existing liver condition
Pre-existing kidney ailments

5 Fire-fighting measures

- **Suitable extinguishing agents**
Dry chemical, carbon dioxide (CO₂), water spray or regular foam.
 - Caution: CO₂ will displace air in confined spaces and may cause an oxygen-deficient atmosphere.
 - For larger fires: There are no unique chemical or reactivity hazards that would impact firefighting decisions related to this product. Use firefighting measures that suit the environment.
- **Special hazards arising from the substance or mixture**
There are no unique chemical or reactivity hazards that would impact firefighting decisions due to the chemicals in this product.
- **Protective equipment**
For large fires, wear appropriate heat- and flame-resistant personal protective equipment and a NFPA/NIOSH approved positive-pressure, self-contained breathing apparatus.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Minimize exposure by using appropriate personal protective equipment as listed in Section 8. Stop leak if possible. Keep unprotected persons away.

Safety Data Sheet

Last alteration on 12/05/2016

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 2

· Environmental precautions

Prevent liquid and vapor from entering sewage system, storm drains, surface waters, and soil.

· Methods and material for containment and cleaning up

Blot up small volumes of spilled or spattered product with paper towels or similar materials.

- Contain larger spills by placing absorbents around the outside edges of the spill. Absorb with any material suitable for water-based liquids - e.g. paper towels, universal sorbents, sand, diatomite, sawdust, etc.

Clean the affected area. Suitable cleaners are:

- warm water and detergent or similar cleansing agent

Dispose of spilled and contaminated material in accordance with Federal, State, and Local regulations. See Section 13 for information that may impact disposal of materials contaminated with this product.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· Precautions for safe handling:

Avoid direct contact with material. If handled, wash thoroughly. Practice general safety precautions.

· Information about protection against explosions and fires: The product is not flammable.

· Requirements to be met by storerooms and receptacles:

Store only in the original container.

Refer to the package insert or product label for additional information on storage conditions for product quality.

· Information about storage in one common storage facility: Store in original packaging.

· Further information about storage conditions: Protect from heat and direct sunlight.

8 Exposure controls/personal protection

· Components with Occupational Exposure Limits

The product does not contain any hazardous ingredients with occupational exposure limits established by OSHA, ACGIH, or NIOSH.

· General protective and hygienic measures:

Always maintain good housekeeping and follow general precautionary measures. Do not eat, drink or store food and beverages in areas where chemicals or specimens are used. Wash hands before breaks, after handling reagents and specimens, and at the end of the workshift.

· Breathing equipment:

Normal use and storage of product - respiratory protection is not necessary if room is well ventilated.

Small-volume spills (e.g. small enough to clean up with a paper towel or small sorbent pad) - respiratory protection should not be necessary if room is well ventilated.

Other unusual conditions (e.g. volume spilled too big to clean up with materials in arm's reach) - Use appropriate NIOSH-approved air-purifying respirator if airborne chemical concentrations may exceed the exposure limit (if any)

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 2

listed above.

Hazardous Materials Emergencies or Firefighting - use NIOSH/NFPA-approved respiratory protection.

· Hand protection:

Wear impervious gloves if hand contact with the material is anticipated. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

· Material of gloves and breakthrough time of the glove material:

The glove material must be suitable for use in a microbiological laboratory and have a measured breakthrough time of at least 30 minutes, such as those with a Class 2 protection index per EN374 (or equivalent standard applicable in your region). NOTE: This recommendation applies only to the product stated in this Safety Data Sheet. When dissolving in or mixing with other substances, contact the supplier of approved gloves.

· Eye protection:

Wear safety glasses or other protective eyewear. If splash potential exists, wear full face shield or goggles.

· Body protection:

Normal use: protect personal clothing from splatters and small spills. Wear a laboratory coat (or other protective clothing required by your institution).

Larger spills (e.g. that can saturate cloth): wear appropriate water-repellant covering over clothing.

9 Physical and chemical properties

· General Information

· **Form:** Solution
· **Color:** Colorless

· **Odor:** Odorless

· pH-value at 20 °C (68 °F)

5

· **Melting point/Melting range:** Not determined
· **Boiling point/Boiling range:** Not determined

· Flash point

Not applicable

· Flammability (solid, gaseous)

Not applicable

· Auto igniting

Product is not self-igniting.

· Danger of explosion

Product does not present an explosion hazard.

· Explosion limits

· **Lower:** Not determined
· **Upper:** Not determined

· Density at 20 °C (68 °F)

1.0205 g/cm³ (8.5161 lbs/gal)

· **Evaporation rate:** Not determined

· Solubility in / Miscibility with

· **Water:** Fully miscible
· **Dynamic:** Not determined

· **Water:** 92.9 %

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 2

· **Solids content:** 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity**
 - **LD50/LC50 values for hazardous ingredients per OSHA criteria:**

· **Ingredients (100% pure substance/s):**

CAS: 77-86-1 Tris hydroxymethyl aminomethane

Oral	LD50	5,900 mg/kg (rat)
	LDLo	1,000 mg/kg (rabbit)

CAS: 56-84-8 Aspartic acid

Mutagenicity	(Ames Assay) (Multiple methods) (mammalian cells) Positive in the human sperm morphology assay (experimental, oral, 5 men in study vs. 5 controls, unknown if dose-response relationship demonstrated). (mouse) (In vivo single gavage 2000 mg/kg bw) Bone marrow erythrocytes; endpoint = in vivo micronucleus (other) (E. coli with and without activation standard plate)
Target Organ Effects	(human) Poisoning may cause liver changes.

- **Primary toxicological effects of the final product:**
 - **Skin irritation:** No irritant effect.
 - **Eye irritation:** No irritant effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** None
- **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 2

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· **Target organs/systems:** Kidneys

12 Ecological information

· **Aquatic toxicity:** No further relevant information available.

· Additional ecological information

· General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

· Results of PBT and vPvB assessment

· **PBT:** Not applicable

· **vPvB:** Not applicable

13 Disposal considerations

· Recommendation for disposal of unused product:

Dispose in accordance with federal, state and local regulations.

· Recommendation for disposal of packaging:

Non-contaminated packaging may be used for recycling. Refer to applicable local regulations and institutional policies.

For disposal of contaminated packaging, refer to applicable local regulations and institutional policies.

· **Recommended cleansing agent:** Water with cleansing agents, if necessary.

14 Transport information

· **DOT, ADN, IMDG, IATA** none

· UN proper shipping name

· **DOT, ADR, ADN, IMDG, IATA** none

· Transport hazard class(es)

· **DOT, ADR, ADN, IMDG, IATA**

· **Class** none

· **DOT, IMDG, IATA** none

· Environmental hazards

· **Marine pollutant:** No

Product name: Alinity c Activated Aspartate Aminotransferase Reagent 2

Additional information

- **DOT**
 - **Remarks:** Not restricted for transportation.
- **ADR**
 - **Remarks:** Not restricted for transportation.
- **IMDG**
 - **Remarks:** Not restricted for transportation.
- **IATA**
 - **Remarks:** Not restricted for transportation.

15 Regulatory information

· SARA (Superfund Amendments and Reauthorization Act of 1986 - USA):

· Section 302/304 (40CFR355.30 / 40CFR355.40):

The product does not contain listed substances.

· Section 313 (40CFR372.65):

The product does not contain listed substances.

· California Proposition 65 (USA):

· Chemicals known to cause cancer:

The product does not contain listed substances.

· Chemicals known to cause female reproductive toxicity:

None of the ingredients is listed.

· Chemicals known to cause male reproductive toxicity:

None of the ingredients is listed.

· Chemicals known to cause developmental reproductive toxicity:

None of the ingredients is listed.

16 Other information

The information and recommendations contained herein are based upon information or tests believed to be reliable. Abbott Laboratories does not guarantee the accuracy or completeness of this information or recommendations contained herein, NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE.

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Product name: Alinity c Activated Aspartate Aminotransferase Reagent 2**· Department issuing SDS**

- Abbott Diagnostics Safety, Health and Environmental Assurance
Department 0571

· Contact

- General information about this product:
Abbott Diagnostics
Technical Support
100 Abbott Park Road
Abbott Park, IL 60064-3500

Phone: 1-877-4 ABBOTT

- **Date of preparation / last revision** 10/26/2018 / 4

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (Division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: persistent, bioaccumulative and toxic
vPvB: very persistent and very bioaccumulative
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit

- *** Sections marked with an asterisk (*) have been altered since the previous version.**