

SAFETY DATA SHEET

Xprecia™ Systems PT Controls

SDS #: 90500

Section 1. Identification

Product identifier : Xprecia™ Systems PT Controls
Product code : 90500
Product type : Liquid.

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

Not applicable.

Manufactured by : Siemens Healthcare Diagnostics Inc.
 511 Benedict Avenue
 Tarrytown, NY 10591-5097 USA
 1-877-229-3711
 (800) 424-9300 (CHEMTREC) (24/365)

Supplied by : Universal Biosensors Pty Ltd.
 1 Corporate Avenue,
 Rowville, Victoria
 3178, Australia

Section 2. Hazards identification

OSHA/HCS status : Xprecia™ Systems PT Controls - CaCl2 Diluent
 While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Xprecia™ Systems PT Controls - PT Control 2
 While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Xprecia™ Systems PT Controls - PT Control 1
 While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Xprecia™ Systems PT Controls - CaCl2 Diluent
 Not classified.

Xprecia™ Systems PT Controls - PT Control 2
 Not classified.

Xprecia™ Systems PT Controls - PT Control 1
 Not classified.

Additional information : Not available.
 Not available.

GHS label elements

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Section 2. Hazards identification

Signal word	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	No signal word. No signal word. No signal word.
Hazard statements	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
<u>Precautionary statements</u>		
Prevention	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not applicable. Not applicable. Not applicable.
Response	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not applicable. Not applicable. Not applicable.
Storage	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not applicable. Not applicable. Not applicable.
Disposal	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not applicable. Not applicable. Not applicable.
Supplemental label elements	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	None known. None known. None known.
Hazards not otherwise classified	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	None known. None known. None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Mixture Mixture Mixture
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Section 3. Composition/information on ingredients

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Xprecia™ Systems PT Controls - CaCl2 Diluent	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Xprecia™ Systems PT Controls - PT Control 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Xprecia™ Systems PT Controls - PT Control 1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Xprecia™ Systems PT Controls - CaCl2 Diluent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Xprecia™ Systems PT Controls - PT Control 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Xprecia™ Systems PT Controls - PT Control 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Xprecia™ Systems PT Controls - CaCl2 Diluent	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Xprecia™ Systems PT Controls - PT Control 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Xprecia™ Systems PT Controls - PT Control 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First aid measures

Ingestion	: Xprecia™ Systems PT Controls - CaCl2 Diluent	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Xprecia™ Systems PT Controls - PT Control 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Xprecia™ Systems PT Controls - PT Control 1	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Over-exposure signs/symptoms

Section 4. First aid measures

Eye contact	: Xprecia™ Systems PT Controls - CaCl2 Diluent	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 2	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 1	No specific data.
Inhalation	: Xprecia™ Systems PT Controls - CaCl2 Diluent	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 2	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 1	No specific data.
Skin contact	: Xprecia™ Systems PT Controls - CaCl2 Diluent	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 2	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 1	No specific data.
Ingestion	: Xprecia™ Systems PT Controls - CaCl2 Diluent	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 2	No specific data.
	: Xprecia™ Systems PT Controls - PT Control 1	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	: In case of fire, use water spray (fog), foam or dry chemical.
Unsuitable extinguishing media	: None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides
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Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

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Section 8. Exposure controls/personal protection

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

- Physical state** : Xprecia™ Systems PT Controls - CaCl2 Diluent Liquid.
Xprecia™ Systems PT Controls - PT Control 2 Solid.
Xprecia™ Systems PT Controls - PT Control 1 Solid.
- Color** : Xprecia™ Systems PT Controls - CaCl2 Diluent Colorless.
Xprecia™ Systems PT Controls - PT Control 2 White to yellowish.
Xprecia™ Systems PT Controls - PT Control 1 White to yellowish.
- Odor** : Xprecia™ Systems PT Controls - CaCl2 Diluent Odorless.
Xprecia™ Systems PT Controls - PT Control 2 Odorless.
Xprecia™ Systems PT Controls - PT Control 1 Odorless.
- pH** : Xprecia™ Systems PT Controls - CaCl2 Diluent Not available.
Xprecia™ Systems PT Controls - PT Control 2 Not applicable.
Xprecia™ Systems PT Controls - PT Control 1 Not applicable.
- Flash point** : Xprecia™ Systems PT Controls - CaCl2 Diluent [Product does not sustain combustion.]
Xprecia™ Systems PT Controls - PT Control 2 [Product does not sustain combustion.]
Xprecia™ Systems PT Controls - PT Control 1 [Product does not sustain combustion.]

Section 9. Physical and chemical properties

Flammability (solid, gas)	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
Relative density	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	1.0015 Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
Solubility in water	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product. Not relevant/applicable due to nature of the product.
Partition coefficient: n-octanol/water	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not available. Not available. Not available.
Auto-ignition temperature	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not available. Not available. Not available.
Viscosity	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not available. Not available. Not available.
Aerosol product		
Type of aerosol	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	Not applicable. Not applicable. Not applicable.

Section 10. Stability and reactivity

Reactivity	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: Xprecia™ Systems PT Controls - CaCl2 Diluent Xprecia™ Systems PT Controls - PT Control 2 Xprecia™ Systems PT Controls - PT Control 1	The product is stable. The product is stable. The product is stable.

Section 10. Stability and reactivity

Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.						
Conditions to avoid	:	<table border="0"> <tr> <td>Xprecia™ Systems PT Controls - CaCl₂ Diluent</td> <td>No specific data.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 2</td> <td>No specific data.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 1</td> <td>No specific data.</td> </tr> </table>	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No specific data.	Xprecia™ Systems PT Controls - PT Control 2	No specific data.	Xprecia™ Systems PT Controls - PT Control 1	No specific data.
Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No specific data.							
Xprecia™ Systems PT Controls - PT Control 2	No specific data.							
Xprecia™ Systems PT Controls - PT Control 1	No specific data.							
Incompatible materials	:	<table border="0"> <tr> <td>Xprecia™ Systems PT Controls - CaCl₂ Diluent</td> <td>No specific data.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 2</td> <td>No specific data.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 1</td> <td>No specific data.</td> </tr> </table>	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No specific data.	Xprecia™ Systems PT Controls - PT Control 2	No specific data.	Xprecia™ Systems PT Controls - PT Control 1	No specific data.
Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No specific data.							
Xprecia™ Systems PT Controls - PT Control 2	No specific data.							
Xprecia™ Systems PT Controls - PT Control 1	No specific data.							
Hazardous decomposition products	:	<table border="0"> <tr> <td>Xprecia™ Systems PT Controls - CaCl₂ Diluent</td> <td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 2</td> <td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 1</td> <td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td> </tr> </table>	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Under normal conditions of storage and use, hazardous decomposition products should not be produced.	Xprecia™ Systems PT Controls - PT Control 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.	Xprecia™ Systems PT Controls - PT Control 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Under normal conditions of storage and use, hazardous decomposition products should not be produced.							
Xprecia™ Systems PT Controls - PT Control 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.							
Xprecia™ Systems PT Controls - PT Control 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.							

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Conclusion/Summary	:	<table border="0"> <tr> <td>Xprecia™ Systems PT Controls - CaCl₂ Diluent</td> <td>Not available.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 2</td> <td>Not available.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 1</td> <td>Not available.</td> </tr> </table>	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not available.	Xprecia™ Systems PT Controls - PT Control 2	Not available.	Xprecia™ Systems PT Controls - PT Control 1	Not available.
Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not available.							
Xprecia™ Systems PT Controls - PT Control 2	Not available.							
Xprecia™ Systems PT Controls - PT Control 1	Not available.							

Irritation/Corrosion

Not available.

Conclusion/Summary

Skin	:	<table border="0"> <tr> <td>Xprecia™ Systems PT Controls - CaCl₂ Diluent</td> <td>Not available.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 2</td> <td>Not available.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 1</td> <td>Not available.</td> </tr> </table>	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not available.	Xprecia™ Systems PT Controls - PT Control 2	Not available.	Xprecia™ Systems PT Controls - PT Control 1	Not available.
Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not available.							
Xprecia™ Systems PT Controls - PT Control 2	Not available.							
Xprecia™ Systems PT Controls - PT Control 1	Not available.							
Eyes	:	<table border="0"> <tr> <td>Xprecia™ Systems PT Controls - CaCl₂ Diluent</td> <td>Not available.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 2</td> <td>Not available.</td> </tr> <tr> <td>Xprecia™ Systems PT Controls - PT Control 1</td> <td>Not available.</td> </tr> </table>	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not available.	Xprecia™ Systems PT Controls - PT Control 2	Not available.	Xprecia™ Systems PT Controls - PT Control 1	Not available.
Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not available.							
Xprecia™ Systems PT Controls - PT Control 2	Not available.							
Xprecia™ Systems PT Controls - PT Control 1	Not available.							

Section 11. Toxicological information

Respiratory : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
 Xprecia™ Systems PT Controls - PT Control 2 Not available.
 Xprecia™ Systems PT Controls - PT Control 1 Not available.

Sensitization

Not available.

Conclusion/Summary

Skin : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
 Xprecia™ Systems PT Controls - PT Control 2 Not available.
 Xprecia™ Systems PT Controls - PT Control 1 Not available.

Respiratory : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
 Xprecia™ Systems PT Controls - PT Control 2 Not available.
 Xprecia™ Systems PT Controls - PT Control 1 Not available.

Mutagenicity

Not available.

Conclusion/Summary : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
 Xprecia™ Systems PT Controls - PT Control 2 Not available.
 Xprecia™ Systems PT Controls - PT Control 1 Not available.

Carcinogenicity

Not available.

Conclusion/Summary : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
 Xprecia™ Systems PT Controls - PT Control 2 Not available.
 Xprecia™ Systems PT Controls - PT Control 1 Not available.

Reproductive toxicity

Not available.

Conclusion/Summary : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
 Xprecia™ Systems PT Controls - PT Control 2 Not available.
 Xprecia™ Systems PT Controls - PT Control 1 Not available.

Teratogenicity

Not available.

Conclusion/Summary : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
 Xprecia™ Systems PT Controls - PT Control 2 Not available.
 Xprecia™ Systems PT Controls - PT Control 1 Not available.

Specific target organ toxicity (single exposure)

Section 11. Toxicological information

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure	: Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not available.
	Xprecia™ Systems PT Controls - PT Control 2	Not available.
	Xprecia™ Systems PT Controls - PT Control 1	Not available.

Potential acute health effects

Eye contact	: Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 2	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards.
Inhalation	: Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 2	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards.
Skin contact	: Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 2	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards.
Ingestion	: Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 2	No known significant effects or critical hazards.
	Xprecia™ Systems PT Controls - PT Control 1	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No specific data.
	Xprecia™ Systems PT Controls - PT Control 2	No specific data.
	Xprecia™ Systems PT Controls - PT Control 1	No specific data.
Inhalation	: Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No specific data.
	Xprecia™ Systems PT Controls - PT Control 2	No specific data.
	Xprecia™ Systems PT Controls - PT Control 1	No specific data.

Section 11. Toxicological information

Skin contact	: Xprecia™ Systems PT Controls - CaCl2	No specific data.
	Diluent	
	Xprecia™ Systems PT Controls - PT Control 2	No specific data.
Ingestion	: Xprecia™ Systems PT Controls - PT Control 1	No specific data.
	Xprecia™ Systems PT Controls - CaCl2	No specific data.
	Diluent	
	Xprecia™ Systems PT Controls - PT Control 2	No specific data.
	Xprecia™ Systems PT Controls - PT Control 1	No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	: Xprecia™ Systems PT Controls - CaCl2	Not available.
	Diluent	
	Xprecia™ Systems PT Controls - PT Control 2	Not available.
Potential delayed effects	: Xprecia™ Systems PT Controls - PT Control 1	Not available.
	Xprecia™ Systems PT Controls - CaCl2	Not available.
	Diluent	
	Xprecia™ Systems PT Controls - PT Control 2	Not available.
	Xprecia™ Systems PT Controls - PT Control 1	Not available.

Long term exposure

Potential immediate effects	: Xprecia™ Systems PT Controls - CaCl2	Not available.
	Diluent	
	Xprecia™ Systems PT Controls - PT Control 2	Not available.
Potential delayed effects	: Xprecia™ Systems PT Controls - PT Control 1	Not available.
	Xprecia™ Systems PT Controls - CaCl2	Not available.
	Diluent	
	Xprecia™ Systems PT Controls - PT Control 2	Not available.
	Xprecia™ Systems PT Controls - PT Control 1	Not available.

Potential chronic health effects

Not available.

Conclusion/Summary	: Not available.	Xprecia™ Systems PT Controls - CaCl2
	Not available.	Diluent
	Not available.	Xprecia™ Systems PT Controls - PT Control 2
		Xprecia™ Systems PT Controls - PT Control 1

General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Numerical measures of toxicity

Date of issue

05/12/2023

Version : 1.1

Section 11. Toxicological information

Acute toxicity estimates

Not available.

Interactive effects : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
Xprecia™ Systems PT Controls - PT Control 2 Not available.
Xprecia™ Systems PT Controls - PT Control 1 Not available.

Other information : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
Xprecia™ Systems PT Controls - PT Control 2 Not available.
Xprecia™ Systems PT Controls - PT Control 1 Not available.

Section 12. Ecological information

Toxicity

Not available.

Conclusion/Summary : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
Xprecia™ Systems PT Controls - PT Control 2 Not available.
Xprecia™ Systems PT Controls - PT Control 1 Not available.

Persistence and degradability

Conclusion/Summary : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
Xprecia™ Systems PT Controls - PT Control 2 Not available.
Xprecia™ Systems PT Controls - PT Control 1 Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
Xprecia™ Systems PT Controls - PT Control 2 Not available.
Xprecia™ Systems PT Controls - PT Control 1 Not available.

Mobility : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not available.
Xprecia™ Systems PT Controls - PT Control 2 Not available.
Xprecia™ Systems PT Controls - PT Control 1 Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

DOT Classification

UN number	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 2	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 1	Not regulated.
UN proper shipping name	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Transport hazard class(es)	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Packing group	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Environmental hazards	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No.
	Xprecia™ Systems PT Controls - PT Control 2	No.
	Xprecia™ Systems PT Controls - PT Control 1	No.
Additional information	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

TDG Classification

UN number	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 2	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 1	Not regulated.
UN proper shipping name	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Transport hazard class(es)	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Packing group	Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Section 14. Transport information

Environmental hazards	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No.
	Xprecia™ Systems PT Controls - PT Control 2	No.
	Xprecia™ Systems PT Controls - PT Control 1	No.
Additional information	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

ADR/RID

UN number	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 2	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 1	Not regulated.
UN proper shipping name	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Transport hazard class(es)	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Packing group	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Environmental hazards	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No.
	Xprecia™ Systems PT Controls - PT Control 2	No.
	Xprecia™ Systems PT Controls - PT Control 1	No.

Additional information	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

IMDG

UN number	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 2	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 1	Not regulated.

UN proper shipping name	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Transport hazard class(es)	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Packing group	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Environmental hazards	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	No.
	Xprecia™ Systems PT Controls - PT Control 2	No.
	Xprecia™ Systems PT Controls - PT Control 1	No.

Additional information	<input checked="" type="checkbox"/> Xprecia™ Systems PT Controls - CaCl ₂ Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Section 14. Transport information

IATA

UN number	Xprecia™ Systems PT Controls - CaCl2 Diluent	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 2	Not regulated.
	Xprecia™ Systems PT Controls - PT Control 1	Not regulated.
UN proper shipping name	Xprecia™ Systems PT Controls - CaCl2 Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Transport hazard class(es)	Xprecia™ Systems PT Controls - CaCl2 Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Packing group	Xprecia™ Systems PT Controls - CaCl2 Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-
Environmental hazards	Xprecia™ Systems PT Controls - CaCl2 Diluent	No.
	Xprecia™ Systems PT Controls - PT Control 2	No.
	Xprecia™ Systems PT Controls - PT Control 1	No.
Additional information	Xprecia™ Systems PT Controls - CaCl2 Diluent	-
	Xprecia™ Systems PT Controls - PT Control 2	-
	Xprecia™ Systems PT Controls - PT Control 1	-

Special precautions for user : Xprecia™ Systems PT Controls - CaCl2 Diluent

Xprecia™ Systems PT Controls - PT Control 2

Xprecia™ Systems PT Controls - PT Control 1

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not applicable.

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) PAIR: 1,1'-oxydipropan-2-ol
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): Not determined.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Date of issue

: 05/12/2023

Version : 1.1

Section 15. Regulatory information

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

International regulations

Chemical Weapons Convention List Schedule I Chemicals : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not listed
Xprecia™ Systems PT Controls - PT Control 2 Not listed
Xprecia™ Systems PT Controls - PT Control 1 Not listed

Chemical Weapons Convention List Schedule II Chemicals : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not listed
Xprecia™ Systems PT Controls - PT Control 2 Not listed
Xprecia™ Systems PT Controls - PT Control 1 Not listed

Chemical Weapons Convention List Schedule III Chemicals : Xprecia™ Systems PT Controls - CaCl₂ Diluent Not listed
Xprecia™ Systems PT Controls - PT Control 2 Not listed
Xprecia™ Systems PT Controls - PT Control 1 Not listed

Section 16. Other information

History

Date of issue/Date of revision : 05/12/2023

Version : 1.1

Section 16. Other information

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

▣ Indicates information that has changed from previously issued version.