

SAFETY DATA SHEET



SureSelect Library Prep Module -AB - 50 Reactions, Part Number G3361C

Section 1. Identification

Product identifier : SureSelect Library Prep Module -AB - 50 Reactions, Part Number G3361C
Part No. (Chemical Kit) : G3361C
Part No. : SureSelect P1-AB 5972-3574
 SureSelect P2-AB 5972-3576
 SureSelect PeA-AB 5972-3578

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

Analytical reagent.

SureSelect P1-AB	1.3 ml
SureSelect P2-AB	1.3 ml
SureSelect PeA-AB	0.5 ml

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
 679 Springvale Road
 Mulgrave
 Victoria 3170, Australia
 1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC®: (61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

Not classified.

GHS label elements

Signal word	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No signal word. No signal word. No signal word.
Hazard statements	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	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	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not applicable. Not applicable. Not applicable.
Response	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not applicable. Not applicable. Not applicable.
Storage	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not applicable. Not applicable. Not applicable.
Disposal	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not applicable. Not applicable. Not applicable.
Supplemental label elements	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not applicable. Not applicable. Not applicable.

Section 2. Hazard(s) identification

Other hazards which do not result in classification :

SureSelect P1-AB	None known.
SureSelect P2-AB	None known.
SureSelect PeA-AB	None known.

Section 3. Composition and ingredient information

Substance/mixture :

SureSelect P1-AB	Mixture
SureSelect P2-AB	Mixture
SureSelect PeA-AB	Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
SureSelect P1-AB Polyethylene glycol	≥5 - <10	25322-68-3
SureSelect P2-AB Polyethylene glycol	≥5 - <10	25322-68-3

There are no additional 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	: SureSelect P1-AB	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.
	SureSelect P2-AB	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.
	SureSelect PeA-AB	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	: SureSelect P1-AB	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect P2-AB	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect PeA-AB	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: SureSelect P1-AB	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect P2-AB	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect PeA-AB	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First-aid measures

Ingestion	: SureSelect P1-AB	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.
	SureSelect P2-AB	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.
	SureSelect PeA-AB	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	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	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

Eye contact	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No specific data. No specific data. No specific data.
Inhalation	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No specific data. No specific data. No specific data.
Skin contact	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No specific data. No specific data. No specific data.
Ingestion	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No specific data. No specific data. No specific data.

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

Notes to physician	: SureSelect P1-AB	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect P2-AB	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect PeA-AB	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been

Section 4. First-aid measures

Specific treatments	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	ingested or inhaled. No specific treatment. No specific treatment. No specific treatment.
Protection of first-aiders	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. 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	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	None known. None known. None known.
Specific hazards arising from the chemical	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	In a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Decomposition products may include the following materials: carbon dioxide carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide No specific data.
Special protective actions for fire-fighters	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	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. 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. 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.

Section 5. Fire-fighting measures

Special protective equipment for fire-fighters	: SureSelect P1-AB	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureSelect P2-AB	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureSelect PeA-AB	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	: SureSelect P1-AB	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 spilt material. Put on appropriate personal protective equipment.
	SureSelect P2-AB	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 spilt material. Put on appropriate personal protective equipment.
	SureSelect PeA-AB	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 spilt material. Put on appropriate personal protective equipment.
For emergency responders	: SureSelect P1-AB	If specialised 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".
	SureSelect P2-AB	If specialised 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".
	SureSelect PeA-AB	If specialised 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	: SureSelect P1-AB	Avoid dispersal of spilt 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).
	SureSelect P2-AB	Avoid dispersal of spilt 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).
	SureSelect PeA-AB	Avoid dispersal of spilt 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).

Section 6. Accidental release measures

Methods and material for containment and cleaning up

Methods for cleaning up	: SureSelect P1-AB	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.
	SureSelect P2-AB	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.
	SureSelect PeA-AB	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.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	: SureSelect P1-AB	Put on appropriate personal protective equipment (see Section 8).
	SureSelect P2-AB	Put on appropriate personal protective equipment (see Section 8).
	SureSelect PeA-AB	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	: SureSelect P1-AB	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.
	SureSelect P2-AB	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.
	SureSelect PeA-AB	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	: SureSelect P1-AB	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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 7. Handling and storage

SureSelect P2-AB

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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

SureSelect PeA-AB

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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
SureSelect P1-AB Polyethylene glycol	TRGS900 AGW (Germany, 8/2010). PEAK: 8000 mg/m ³ 15 minutes. Form: inhalable fraction TWA: 1000 mg/m ³ 8 hours. Form: inhalable fraction
SureSelect P2-AB Polyethylene glycol	TRGS900 AGW (Germany, 8/2010). PEAK: 8000 mg/m ³ 15 minutes. Form: inhalable fraction TWA: 1000 mg/m ³ 8 hours. Form: inhalable fraction

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

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

Section 8. Exposure controls and personal 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** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

Physical state	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Liquid. Liquid. Liquid.
Colour	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
Odour	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
Odour threshold	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
pH	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	7.6 7.6 Not available.
Melting point	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. 0°C (32°F)
Boiling point	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. 100°C (212°F)
Flash point	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
Evaporation rate	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
Flammability (solid, gas)	: <input checked="" type="checkbox"/> SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not applicable. Not applicable. Not applicable.
Lower and upper explosive (flammable) limits	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
Vapour pressure	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
Vapour density	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.
Relative density	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	Not available. Not available. Not available.

Section 9. Physical and chemical properties

Solubility	: SureSelect P1-AB	Easily soluble in the following materials: cold water and hot water.
	SureSelect P2-AB	Easily soluble in the following materials: cold water and hot water.
	SureSelect PeA-AB	Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: SureSelect P1-AB	Not available.
	SureSelect P2-AB	Not available.
	SureSelect PeA-AB	Not available.
Auto-ignition temperature	: SureSelect P1-AB	Not available.
	SureSelect P2-AB	Not available.
	SureSelect PeA-AB	Not available.
Decomposition temperature	: SureSelect P1-AB	Not available.
	SureSelect P2-AB	Not available.
	SureSelect PeA-AB	Not available.
Viscosity	: SureSelect P1-AB	Not available.
	SureSelect P2-AB	Not available.
	SureSelect PeA-AB	Not available.

Section 10. Stability and reactivity

Reactivity	: <input checked="" type="checkbox"/> SureSelect P1-AB	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect P2-AB	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect PeA-AB	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: <input checked="" type="checkbox"/> SureSelect P1-AB	The product is stable.
	SureSelect P2-AB	The product is stable.
	SureSelect PeA-AB	The product is stable.
Possibility of hazardous reactions	: <input checked="" type="checkbox"/> SureSelect P1-AB	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect P2-AB	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect PeA-AB	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: <input checked="" type="checkbox"/> SureSelect P1-AB	No specific data.
	SureSelect P2-AB	No specific data.
	SureSelect PeA-AB	No specific data.
Incompatible materials	: <input checked="" type="checkbox"/> SureSelect P1-AB	May react or be incompatible with oxidising materials.
	SureSelect P2-AB	May react or be incompatible with oxidising materials.
	SureSelect PeA-AB	May react or be incompatible with oxidising materials.
Hazardous decomposition products	: <input checked="" type="checkbox"/> SureSelect P1-AB	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect P2-AB	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect PeA-AB	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.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
SureSelect P1-AB Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-
SureSelect P2-AB Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-

Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : SureSelect P1-AB Not available.
 SureSelect P2-AB Not available.
 SureSelect PeA-AB Not available.

Potential acute health effects

Eye contact : SureSelect P1-AB No known significant effects or critical hazards.
 SureSelect P2-AB No known significant effects or critical hazards.
 SureSelect PeA-AB No known significant effects or critical hazards.

Inhalation : SureSelect P1-AB No known significant effects or critical hazards.
 SureSelect P2-AB No known significant effects or critical hazards.
 SureSelect PeA-AB No known significant effects or critical hazards.

Skin contact : SureSelect P1-AB No known significant effects or critical hazards.
 SureSelect P2-AB No known significant effects or critical hazards.
 SureSelect PeA-AB No known significant effects or critical hazards.

Ingestion : SureSelect P1-AB No known significant effects or critical hazards.
 SureSelect P2-AB No known significant effects or critical hazards.
 SureSelect PeA-AB No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : SureSelect P1-AB No specific data.
 SureSelect P2-AB No specific data.
 SureSelect PeA-AB No specific data.

Section 11. Toxicological information

Inhalation	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No specific data. No specific data. No specific data.
Skin contact	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No specific data. No specific data. No specific data.
Ingestion	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No specific data. No specific data. No specific data.

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

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Teratogenicity	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Developmental effects	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Fertility effects	: SureSelect P1-AB SureSelect P2-AB SureSelect PeA-AB	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
SureSelect P1-AB Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours
SureSelect P2-AB Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours

Section 12. Ecological information

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : 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 minimised 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Regulatory information

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

Special precautions for user : **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 73/78 and the IBC Code : Not available.

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

Australia inventory (AICS) : All components are listed or exempted.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Section 15. Regulatory information

Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

International lists

National inventory

Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Europe	: All components are listed or exempted.
Japan	: Not determined.
Malaysia	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
United States	: All components are listed or exempted.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 28/10/2015

Date of previous issue : 30/10/2013.

Version : 4

Key to abbreviations :

- ADG = Australian Dangerous Goods
- 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 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- NOHSC = National Occupational Health and Safety Commission
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

Procedure used to derive the classification

Classification	Justification
Not classified.	

References : Not available.

 Indicates information that has changed from previously issued version.

Notice to reader

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