

SAFETY DATA SHEET

SSEL Max Blockers and Primers for MGI, 16_96 Reactions

Section 1. Identification

Product identifier : SSEL Max Blockers and Primers for MGI, 16_96 Reactions
Part no. (chemical kit) : 5282-0157, 5282-0158
Part no. : Blocker Mix, MGI 5271-0119 / 5271-0146
 SureSelect MGI Post-Capture Primer Mix 5271-0118 / 5271-0145

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

Identified uses : Analytical reagent.
 For research use only.
 Blocker Mix, MGI 0.08 ml (16 reactions) / 0.7 ml (96 reactions)
 SureSelect MGI Post-Capture Primer Mix 0.016 ml (16 reactions) / 0.14 ml (96 reactions)

Uses advised against : Not for use in diagnostic procedures.

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 : Blocker Mix, MGI No signal word.
 SureSelect MGI Post-Capture Primer Mix No signal word.

Hazard statements : Blocker Mix, MGI No known significant effects or critical hazards.
 SureSelect MGI Post-Capture Primer Mix No known significant effects or critical hazards.

Precautionary statements

Prevention : Blocker Mix, MGI Not applicable.
 SureSelect MGI Post-Capture Primer Mix Not applicable.

Response : Blocker Mix, MGI Not applicable.
 SureSelect MGI Post-Capture Primer Mix Not applicable.

Storage : Blocker Mix, MGI Not applicable.
 SureSelect MGI Post-Capture Primer Mix Not applicable.

Disposal : Blocker Mix, MGI Not applicable.
 SureSelect MGI Post-Capture Primer Mix Not applicable.

Supplemental label elements

Section 2. Hazard(s) identification

Additional warning phrases : Blocker Mix, MGI Not applicable.
SureSelect MGI Post-Capture Primer Mix Not applicable.

Other hazards which do not result in classification : Blocker Mix, MGI None known.
SureSelect MGI Post-Capture Primer Mix None known.

Section 3. Composition and ingredient information

Substance/mixture : Blocker Mix, MGI Mixture
SureSelect MGI Post-Capture Primer Mix Mixture

CAS number/other identifiers

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

The total concentration of ingredients in this product, reported or not in this section, is 100%.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Blocker Mix, MGI	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 MGI Post-Capture Primer Mix	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	: Blocker Mix, MGI	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect MGI Post-Capture Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: Blocker Mix, MGI	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect MGI Post-Capture Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: Blocker Mix, MGI	Wash out mouth with water. 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 MGI Post-Capture Primer Mix	Wash out mouth with water. 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 : Blocker Mix, MGI No known significant effects or critical hazards.
SureSelect MGI Post-Capture Primer Mix No known significant effects or critical hazards.

Section 4. First aid measures

Inhalation	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.
Inhalation	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.
Skin contact	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.
Ingestion	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.

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

Notes to physician	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific treatment. No specific treatment.
Protection of first-aiders	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	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. Firefighting measures

Extinguishing media

Suitable extinguishing media	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	None known. None known.
Specific hazards arising from the chemical	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	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	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.

Section 5. Firefighting measures

Special protective actions for fire-fighters	: Blocker Mix, MGI	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.
	SureSelect MGI Post-Capture Primer Mix	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	: Blocker Mix, MGI	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureSelect MGI Post-Capture Primer Mix	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	: Blocker Mix, MGI	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 MGI Post-Capture Primer Mix	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	: Blocker Mix, MGI	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 MGI Post-Capture Primer Mix	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	: Blocker Mix, MGI	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 MGI Post-Capture Primer Mix	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).
<u>Methods and material for containment and cleaning up</u>		
Methods for cleaning up	: Blocker Mix, MGI	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 MGI Post-	Stop leak if without risk. Move containers from spill

Section 6. Accidental release measures

Capture Primer Mix

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

: Blocker Mix, MGI

Put on appropriate personal protective equipment (see Section 8).

SureSelect MGI Post-Capture Primer Mix

Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene

: Blocker Mix, MGI

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 MGI Post-Capture Primer Mix

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

: Blocker Mix, MGI

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. See Section 10 for incompatible materials before handling or use.

SureSelect MGI Post-Capture Primer Mix

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. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

None.

Biological exposure indices

No exposure indices known.

Section 8. Exposure controls and personal protection

- 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**
- 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 and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

- | | | |
|-------------------------------------|--------------------------------------------------------------|----------------------------------|
| Physical state | : Blocker Mix, MGI
SureSelect MGI Post-Capture Primer Mix | Liquid.
Liquid. |
| Colour | : Blocker Mix, MGI
SureSelect MGI Post-Capture Primer Mix | Not available.
Not available. |
| Odour | : Blocker Mix, MGI
SureSelect MGI Post-Capture Primer Mix | Not available.
Not available. |
| Odour threshold | : Blocker Mix, MGI
SureSelect MGI Post-Capture Primer Mix | Not available.
Not available. |
| pH | : Blocker Mix, MGI
SureSelect MGI Post-Capture Primer Mix | 7.5
7.5 |
| Melting point/freezing point | : Blocker Mix, MGI
SureSelect MGI Post-Capture Primer Mix | 0°C (32°F)
0°C (32°F) |

Section 9. Physical and chemical properties and safety characteristics

Boiling point, initial boiling point, and boiling range : Blocker Mix, MGI 100°C (212°F)
SureSelect MGI Post-Capture Primer Mix 100°C (212°F)

Flash point : Blocker Mix, MGI Not available.
SureSelect MGI Post-Capture Primer Mix Not available.

Evaporation rate : Blocker Mix, MGI Not available.
SureSelect MGI Post-Capture Primer Mix Not available.

Flammability : Blocker Mix, MGI Not applicable.
SureSelect MGI Post-Capture Primer Mix Not applicable.

Lower and upper explosion limit/flammability limit : Blocker Mix, MGI Not available.
SureSelect MGI Post-Capture Primer Mix Not available.

Vapour pressure	Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
		mm Hg	kPa	Method	mm Hg	kPa	Method
Blocker Mix, MGI	water	17.5	2.3	-	92.258	12.3	-
	SureSelect MGI Post-Capture Primer Mix						
	water	17.5	2.3	-	92.258	12.3	-

Relative vapour density : Blocker Mix, MGI Not available.
SureSelect MGI Post-Capture Primer Mix Not available.

Relative density : Blocker Mix, MGI Not available.
SureSelect MGI Post-Capture Primer Mix Not available.

Solubility(ies)	Media	Result
Blocker Mix, MGI	water	Soluble
	SureSelect MGI Post-Capture Primer Mix	
	water	Soluble

Partition coefficient: n-octanol/water : Blocker Mix, MGI Not applicable.
SureSelect MGI Post-Capture Primer Mix Not applicable.

Auto-ignition temperature : Not available.

Decomposition temperature : Blocker Mix, MGI Not available.
SureSelect MGI Post-Capture Primer Mix Not available.

Viscosity : Blocker Mix, MGI Not available.
SureSelect MGI Post-Capture Primer Mix Not available.

Particle characteristics

Median particle size : Blocker Mix, MGI Not applicable.
SureSelect MGI Post-Capture Primer Mix Not applicable.

Section 10. Stability and reactivity

Reactivity	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	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	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	The product is stable. The product is stable.
Possibility of hazardous reactions	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.
Incompatible materials	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
Hazardous decomposition products	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced. 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

Not available.

Sensitisation

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Section 11. Toxicological information

Information on likely routes of exposure	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	Not available. Not available.
<u>Potential acute health effects</u>		
Eye contact	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.
Inhalation	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.
Skin contact	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.
Ingestion	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No specific data. No specific data.

Delayed and immediate effects as well as 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

General	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
Reproductive toxicity	: Blocker Mix, MGI SureSelect MGI Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Section 11. Toxicological information

[Acute toxicity estimates](#)

N/A

Section 12. Ecological information

[Toxicity](#)

Not available.

[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

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 IMO instruments : Not available.

Section 15. Regulatory information

[Standard for the Uniform Scheduling of Medicines and Poisons](#)

Not regulated.

[Model Work Health and Safety Regulations - Scheduled Substances](#)

No listed substance

[International regulations](#)

[Chemical Weapon Convention List Schedules I, II & III Chemicals](#)

Section 15. Regulatory information

Not listed.

[Montreal Protocol](#)

Not listed.

[Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

[Rotterdam Convention on Prior Informed Consent \(PIC\)](#)

Not listed.

[UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

[Inventory list](#)

Australia	: Not determined.
New Zealand	: All components are listed or exempted.
United States	: All components are active or exempted.

Section 16. Any other relevant information

[History](#)

Date of issue/Date of revision : 10/05/2024

Date of previous issue : No previous validation

Version : 1

[Key to abbreviations](#)

: ADG = Australian Dangerous Goods
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
 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)
 N/A = Not available
 SUSMP = Standard Uniform Schedule of Medicine and Poisons
 UN = United Nations

[Procedure used to derive the classification](#)

Classification

Not classified.

Indicates information that has changed from previously issued version.

[Notice to reader](#)

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