SAFETY DATA SHEET

Agilent Technologies

mAb-Glyco-Chip Reagent Pack 2, Part Number G4240-64027

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Product name : mAb-Glyco-Chip Reagent Pack 2, Part Number G4240-64027

Part No. (Kit) : G4240-64027

Part No. :

System Conditioning Reagent	5972-3640
Glycan Standards	5972-3637

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

Identified uses	
Analytical reagent.	
System Conditioning Reagent	1 mg
Glycan Standards	0.0000175 mg

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Manufacturing GmbH & Co. KG
Hewlett-Packard-Str. 8
76337 Waldbronn
Germany
0800 603 1000

e-mail address of person responsible for this SDS : pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation) : CHEMTREC®: +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition :

System Conditioning Reagent	Mono-constituent substance
Glycan Standards	Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

Ingredients of unknown toxicity : Glycan Standards — Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 100%

Ingredients of unknown ecotoxicity : Glycan Standards — Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 100%

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Signal word :

System Conditioning Reagent	No signal word.
Glycan Standards	No signal word.

Hazard statements :

SECTION 2: Hazards identification

		System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.

Precautionary statements

Prevention	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.
Response	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.
Storage	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.
Disposal	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.
Supplemental label elements	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.

Special packaging requirements

Tactile warning of danger	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.

2.3 Other hazards

Other hazards which do not result in classification	:	System Conditioning Reagent	May form explosible dust-air mixture if dispersed.
		Glycan Standards	None known.

SECTION 3: Composition/information on ingredients

3.1 Substances : System Conditioning Reagent — Mono-constituent substance
Glycan Standards — Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
System Conditioning Reagent Aldolase, fructose diphosphate	EC: 232-781-0 CAS: 9024-52-6	100	Not classified.	[A]

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.

Type

[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit
[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
[5] Substance of equivalent concern
[A] Constituent
[B] Impurity
[C] Stabilising additive

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	:	System Conditioning Reagent	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.
		Glycan Standards	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	:	System Conditioning Reagent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
		Glycan Standards	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	:	System Conditioning Reagent	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
		Glycan Standards	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	System Conditioning Reagent	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.
		Glycan Standards	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.
Protection of first-aiders	:	System Conditioning Reagent	No action shall be taken involving any personal risk or without suitable training.
		Glycan Standards	No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	:	System Conditioning Reagent	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
		Glycan Standards	No known significant effects or critical hazards.
Inhalation	:	System Conditioning Reagent	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
		Glycan Standards	No known significant effects or critical hazards.
Skin contact	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Ingestion	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.

Over-exposure signs/symptoms

SECTION 4: First aid measures

Eye contact	:	System Conditioning Reagent	Adverse symptoms may include the following: irritation redness
		Glycan Standards	No specific data.
Inhalation	:	System Conditioning Reagent	Adverse symptoms may include the following: respiratory tract irritation coughing
		Glycan Standards	No specific data.
Skin contact	:	System Conditioning Reagent	No specific data.
		Glycan Standards	No specific data.
Ingestion	:	System Conditioning Reagent	No specific data.
		Glycan Standards	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	System Conditioning Reagent Glycan Standards	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. 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	:	System Conditioning Reagent	No specific treatment.
		Glycan Standards	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	System Conditioning Reagent	Use dry chemical powder.
		Glycan Standards	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	System Conditioning Reagent	Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
		Glycan Standards	None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	:	System Conditioning Reagent	May form explosible dust-air mixture if dispersed.
		Glycan Standards	No specific fire or explosion hazard.
Hazardous combustion products	:	System Conditioning Reagent	Decomposition products may include the following materials: carbon dioxide carbon monoxide phosphorus oxides
		Glycan Standards	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides

5.3 Advice for firefighters

Special precautions for fire-fighters	:	System Conditioning Reagent	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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
		Glycan Standards	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: Firefighting measures

Special protective equipment for fire-fighters	:	System Conditioning Reagent	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
		Glycan Standards	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	System Conditioning Reagent	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
		Glycan Standards	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	:	System Conditioning Reagent	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".
		Glycan Standards	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".
6.2 Environmental precautions	:	System Conditioning Reagent	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).
		Glycan Standards	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).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	System Conditioning Reagent	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
		Glycan Standards	Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures	:	System Conditioning Reagent	Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.
		Glycan Standards	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	:	System Conditioning Reagent	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.
		Glycan Standards	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.

7.2 Conditions for safe storage, including any incompatibilities

Storage	:	System Conditioning Reagent	Do not store above the following temperature: -20°C (-4°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.
		Glycan Standards	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.

7.3 Specific end use(s)

Recommendations	:	System Conditioning Reagent	Industrial applications, Professional applications.
		Glycan Standards	Industrial applications, Professional applications.
Industrial sector specific solutions	:	System Conditioning Reagent	Not applicable.
		Glycan Standards	Not applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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.

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	:	System Conditioning Reagent	Solid. [Powder.]
		Glycan Standards	Solid.
Colour	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Odour	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Odour threshold	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
pH	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Melting point/freezing point	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Initial boiling point and boiling range	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Flash point	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Evaporation rate	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Flammability (solid, gas)	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Upper/lower flammability or explosive limits	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Vapour pressure	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Vapour density	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Relative density	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Solubility(ies)	:	System Conditioning Reagent	Partially soluble in the following materials: cold water and hot water.
		Glycan Standards	Partially soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Auto-ignition temperature	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Decomposition temperature	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.

SECTION 9: Physical and chemical properties

Viscosity	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Explosive properties	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.
Oxidising properties	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	:	System Conditioning Reagent	No specific test data related to reactivity available for this product or its ingredients.
		Glycan Standards	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	:	System Conditioning Reagent	The product is stable.
		Glycan Standards	The product is stable.
10.3 Possibility of hazardous reactions	:	System Conditioning Reagent	Under normal conditions of storage and use, hazardous reactions will not occur.
		Glycan Standards	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	:	System Conditioning Reagent	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.
		Glycan Standards	No specific data.
10.5 Incompatible materials	:	System Conditioning Reagent	Reactive or incompatible with the following materials: oxidizing materials
		Glycan Standards	May react or be incompatible with oxidising materials.
10.6 Hazardous decomposition products	:	System Conditioning Reagent	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
		Glycan Standards	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not available.

Acute toxicity estimates

Not available.

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitiser

Conclusion/Summary : Not available.

SECTION 11: Toxicological information

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.

Potential acute health effects

Inhalation	:	System Conditioning Reagent	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
		Glycan Standards	No known significant effects or critical hazards.
Ingestion	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Skin contact	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Eye contact	:	System Conditioning Reagent	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
		Glycan Standards	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	:	System Conditioning Reagent	Adverse symptoms may include the following: respiratory tract irritation coughing
		Glycan Standards	No specific data.
Ingestion	:	System Conditioning Reagent	No specific data.
		Glycan Standards	No specific data.
Skin contact	:	System Conditioning Reagent	No specific data.
		Glycan Standards	No specific data.
Eye contact	:	System Conditioning Reagent	Adverse symptoms may include the following: irritation redness
		Glycan Standards	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

SECTION 11: Toxicological information

General	:	System Conditioning Reagent	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		Glycan Standards	No known significant effects or critical hazards.
Carcinogenicity	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Mutagenicity	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Teratogenicity	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Developmental effects	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Fertility effects	:	System Conditioning Reagent	No known significant effects or critical hazards.
		Glycan Standards	No known significant effects or critical hazards.
Other information	:	System Conditioning Reagent	Not available.
		Glycan Standards	Not available.

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : 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.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

SECTION 13: Disposal considerations

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : 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

ADR/RID / IMDG / IATA : Not regulated.

14.6 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.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles :

System Conditioning Reagent	Not applicable.
Glycan Standards	Not applicable.

Other EU regulations

Europe inventory : Not determined.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

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.

Rotterdam Convention on Prior Informed Consent (PIC)

SECTION 15: Regulatory information

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

International lists

National inventory

Australia	:	Not determined.
Canada	:	Not determined.
China	:	Not determined.
Japan	:	**Japan inventory (ENCS)**: Not determined. **Japan inventory (ISHL)**: Not determined.
Malaysia	:	Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Turkey	:	Not determined.
United States	:	Not determined.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments might still be required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

Full text of abbreviated H statements

Not applicable.

Full text of classifications [CLP/GHS]

Not applicable.

Date of issue/ Date of revision	:	26/02/2017
Date of previous issue	:	No previous validation.
Version	:	1

Notice to reader

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