

SAFETY DATA SHEET

SDS No.7510-11312

Date

May 6, 2021

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : MonoSpin ProA 96well-plate type
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 7510-11312
SDS No. : 7510-11312
Research use only.

This product is a "Kit", and this includes the following products.

Please refer to the SDS of each product for the hazard information of contents.

- 1) SDS No. 7510-0034 MonoSpin ProA 96well-plate
- 2) SDS No. 7510-0036 Binding Buffer
- 3) SDS No. 7510-0037 Washing Buffer
- 4) SDS No. 7510-0038 Elution Buffer
- 5) SDS No. 7510-0039 Regeneration Buffer
- 6) SDS No. 7510-0040 Neutralizing Buffer

SAFETY DATA SHEET

SDS No.7510-0034

Date

May 6, 2021

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : MonoSpin Pro A 96well-plate
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 7510-11312
SDS No. : 7510-0034
Research use only.

2. HAZARDS IDENTIFICATION

This product is used for sample preparation in chemical analysis for research and development. Although this product is not dangerous goods, we show some data about chemical substances contained in this product for the information supplement below.

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : - - -
SIGNAL WORD : - - -
HAZARD STATEMENTS : - - -
PRECAUTIONARY STATEMENTS : - - -
OTHER INFORMATION : May be harmful if inhaled and ingested.
May cause eye and skin irritation.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : Eye irritation, skin irritation, digestive tract irritation, respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : MonoSpin Pro A 96well-plate
SYNONYMS : - - -
CHEMICAL FORMULA : Mixture

CHEMICAL NAME	CONTENT	CHEMICAL FORMULA	CAS RN	TSCA INVENTORY	EINECS No.
Pro A modified Monolithic Silicagel	3 %	SiO ₂ (mainly)	Not established	Not Listed	Not Listed
Preservative solution	97 %	Phosphate buffer (mainly)	Not established	Not Listed	Not Listed

4. FIRST AID MEASURES

GENERAL ADVICE : If fragments/respirable dust contacts with eyes or skin, wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment. If irritation persists, consult a physician.

INHALATION : Move victim to fresh air and gargle. If breathing is difficult, give oxygen. If irritation persists, consult a physician.

SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.

EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.

INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS : Shreds and dusts may cause irritation of mucous membranes, respiratory tract, skin and eyes.

5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray
Use extinguishing agent suitable for type of surrounding fire.
- FIRE & EXPLOSION HAZARDS : CO₂, CO are included in a flue gas. Use cylinder-type air respiratory apparatus at the fire extinguishing in the room.
- SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes.
- ENVIRONMENTAL PRECAUTIONS : Waist the fragments/respirable dusts in accordance with all applicable regulations.
- METHODS FOR CLEANING UP : Do not touch fragments/respirable dusts without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING : This product has strongly moisture absorbency. Handle this quickly after opening to avoid heating.
Pay attention when opening this material due to its inner pressure decreasing/increasing by changing temperature.
Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection.
After using this product, dispose of contents/container in accordance with all applicable regulations and appropriate ways.
- STORAGE : Store away from moisture and water in well-ventilated dry place.
Keep container tightly closed.
- INCOMPATIBLE PRODUCTS : Water, moisture

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits.
Use only with adequate ventilation.
- VENTILATION : Local Exhaust ; Necessary, Mechanical(General) ; Recommended
- CONTROL PARAMETERS
- ACGIH TLV : Not established
- OSHA PEL : TWA 15mg/m³ (Total dust)
- PERSONAL PROTECTION
- RESPIRATORY PROTECTION : Safety mask
- HAND PROTECTION : Chemical resistant gloves
- EYE PROTECTION : Safety glasses(goggles)
- SKIN PROTECTION : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE : Solid
- COLOUR : White
- ODOR : Odorless
- MELTING POINT / FREEZING POINT : No data available
- BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE : No data available
- FLAMMABILITY : No data available
- LOWER AND UPPER EXPLOSION LIMIT / FLAMMABILITY LIMIT : No data available
- FLASH POINT : No data available
- AUTO-IGNITION TEMPERATURE : No data available
- DECOMPOSITION TEMPERATURE : No data available
- pH : No data available

KINEMATIC VISCOSITY : Not applicable
 SOLUBILITY : No data available
 PARTITION COEFFICIENT
 n-octanol/water (log value) : No data available
 VAPOUR PRESSURE : No data available
 DENSITY AND/OR RELATIVE DENSITY
 : No data available
 RELATIVE VAPOUR DENSITY : Not applicable
 PARTICLE CHARACTERISTICS : No data available

10. STABILITY AND REACTIVITY

REACTIVITY : No data available.
 CHEMICAL STABILITY : Stable under recommended storage conditions.
 POSSIBILITY OF HAZARDOUS Reaction
 : No information available
 CONDITION TO AVOID : Sunlight, heat, moisture, CO₂.
 INCOMPATIBLE MATERIALS : Oxidizers, strong acids and strong bases.
 HAZARDOUS DECOMPOSITION PRODUCTS
 : CO, CO₂

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY-oral- : No data available
 ACUTE TOXICITY-dermal- : No data available
 ACUTE TOXICITY-inhalation- : No data available
 SKIN CORROSION/IRRITATION : No data available
 SERIOUS EYE DAMAGE/EYE IRRITATION
 : No data available
 RESPIRATORY/SKIN SENSITIZATION
 : No data available
 GERM CELL MUTAGENICITY : No data available
 CARCINOGENICITY : No data available
 REPRODUCTIVE TOXICITY : No data available
 SPECIFIC TARGET ORGAN TOXICITY
 (SINGLE EXPOSURE)
 : No data available
 SPECIFIC TARGET ORGAN TOXICITY
 (REPEATED EXPOSURE)
 : No data available
 ASPIRATION HAZARD : No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available
 BIODEGRADABILITY : No data available
 BIOACCUMULATION POTENTIAL : No data available
 MOBILITY IN SOIL : No data available
 OTHER ADVERSE EFFECTS : Not listed in Montreal Protocol.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

International Regulations

Maritime regulations : Conform to the provisions of IMO.
 UN No. : Not regulated
 Proper Shipping Name : -
 Class : -
 Packing Group : -
 Marine Pollutant : Not applicable

Aviation regulations : Conform to the provisions of ICAO/IATA.
UN No. : Not regulated
Proper Shipping Name : -
Class : -
Packing Group : -

15. REGULATORY INFORMATION

For classification and labeling of chemicals in accordance with the applicable rules and regulations in the EU or each country, refer to GHS classification of this product (See Section 2).

US REGULATION : OSHA HCS 2012/29 CFR 1910.1200

EU REGULATION : CLP Regulation ((EC) No. 1272/2008)

16. OTHER INFORMATION

NOTICE:

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

This product in terms of chemical identity and the unit amount provide is intended for use in chemical analysis and not for human consumption, nor any other purpose.

SAFETY DATA SHEET

SDS No.7510-0036

Date

January 20, 2020

1/3 page

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Binding Buffer
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 7510-11310, 7510-11311, 7510-11312, 7510-11313
SDS No. : 7510-0036
Research use only.

2. HAZARDS IDENTIFICATION

This product is used for sample preparation in chemical analysis for research and development. Although this product is not dangerous goods, we show some data about chemical substances contained in this product for the information supplement below.

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : ---
SIGNAL WORD : ---
HAZARD STATEMENTS : ---
PRECAUTIONARY STATEMENTS : ---
OTHER INFORMATION : May possible skin irritation by long-term or prolonged contact with this product.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : Eye irritation, skin irritation, digestive tract irritation, respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : Buffer(containing 0.2 % salt)
SYNONYMS : ---
CONTENT : ---
CHEMICAL FORMULA : ---
CAS No. : ---
TASCA INVENTORY : ---
EINECS No. : ---
EC INDEX No. : ---

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off with soap and plenty of water. Use personal protective equipment.
INHALATION : Move victim to fresh air and gargle. If breathing is difficult, give oxygen.
If irritation persists, consult a physician.
SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.
EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.
INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED : May cause irritation of mucous membranes, respiratory tract, skin and eyes.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray
FIRE & EXPLOSION HAZARDS : Toxic and irritating dust, fumes or smoke may be emitted.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS** : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising mist/gas/vapour and avoid contact with skin and eyes.
- ENVIROMENTAL PRECATIONS** : Prevent spills from entering sewers, watercourses or low areas. Comply with local disposal regulations.
- METHODS FOR CLEANING UP** : Do not touch spilled material without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING** : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipments.
- STORAGE** : Store away from sunlight in a refrigerator (2 - 10 °C).
Keep container tightly closed.
- INCOMOPATIBLE PRODUCTS** : Oxidizers and acids

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES** : Use exhaust ventilation to keep airborne concentrations below exposure limits.
Use adequate ventilation.
- VENTILATION** : Local Exhaust ; Recommended, Mechanical(General) ; Recommended
- CONTROL PARAMETERS** : Not established
- PERSONAL PROTECTION**
- RESPRATORY PROTECTION** : Safety masks
- HAND PROTECTION** : Safety gloves
- EYE PROTECTION** : Safety glasses(goggles)
- SKIN PROTECTION** : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE** : Liquid
- COLOUR** : Clear
- ODOUR** : No data available
- MELTING POINT / FREEZING POINT** : No data available
- BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE** : No data available
- FLAMMABILITY** : No data available
- LOWER AND UPPER EXPLOSION LIMIT / FLAMMABILITY LIMIT** : No data available
- FLASH POINT** : No data available
- AUTO-IGNITION TEMPERATURE** : No data available
- DECOMPOSITION TEMPERATURE** : No data available
- pH** : No data available
- KINEMATIC VISCOSITY** : No data available
- SOLUBILITY** : No data available
- PARTITION COEFFICIENT**
- n-octanol/water (log value) : No data available
- VAPOUR PRESSURE** : No data available
- DENSITY AND/OR RELATIVE DENSITY** : No data available
- RELATIVE VAPOUR DENSITY** : No data available
- PARTICLE CHARACTERISTICS** : Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY : Stable under recommended storage conditions.
CHEMICAL STABILITY : No data available
CONDITION TO AVOID : Heat, high temperature, sunlight, open flame
INCOMPATIBLE MATERIALS : Oxidizers, acids
HAZARDOUS DECOMPOSITION PRODUCTS
: No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No data available
SKIN CORROSION/IRRITATION : No data available
EYE DAMAGE/EYE IRRITATION : No data available
GERM CELL MUTAGENICITY : No data available
CARCINOGENICITY : No data available
REPRODUCTIVE TOXICITY : No data available
SPECIFIC TARGET ORGAN TOXICITY
: No data available
ASPIRATION TOXICITY : No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available
BIODEGRADABILITY : No data available
BIOACCUMULATION POTENTIAL : No data available
MOBILITY IN SOIL : No data available
OTHER ADVERSE EFFECTS : Not listed in Montreal Protocol list.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

IATA : Not dangerous goods
ADR/RID : Not dangerous goods
DOT(Department of Transportation) : Not dangerous goods
MARINE POLLUTANT : Not classified

15. REGULATORY INFORMATION

For classification and labeling of chemicals in accordance with the applicable rules and regulations in the EU or each country, refer to GHS classification of this product (See Section 2).

US REGULATION : OSHA HCS 2012/29 CFR 1910.1200

EU REGULATION : CLP Regulation ((EC) No. 1272/2008)

16. OTHER INFORMATION**NOTICE:**

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

This product in terms of chemical identity and the unit amount provide is intended for use in chemical analysis and not for human consumption, nor any other purpose.

SAFETY DATA SHEET

SDS No.7510-0037

Date

January 20, 2020

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Washing Buffer
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 7510-11310, 7510-11311, 7510-11312, 7510-11313
SDS No. : 7510-0037
Research use only.

2. HAZARDS IDENTIFICATION

This product is used for sample preparation in chemical analysis for research and development. Although this product is not dangerous goods, we show some data about chemical substances contained in this product for the information supplement below.

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : ---
SIGNAL WORD : ---
HAZARD STATEMENTS : ---
PRECAUTIONARY STATEMENTS : ---
OTHER INFORMATION : May possible skin irritation by long-term or prolonged contact with this product.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : Eye irritation, skin irritation, digestive tract irritation, respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : Buffer(containing 6 % salt)
SYNONYMS : ---
CONTENT : ---
CHEMICAL FORMULA : ---
CAS No. : ---
TASCA INVENTORY : ---
EINECS No. : ---
EC INDEX No. : ---

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off with soap and plenty of water. Use personal protective equipment.
INHALATION : Move victim to fresh air and gargle. If breathing is difficult, give oxygen.
If irritation persists, consult a physician.
SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.
EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.
INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED : May cause irritation of mucous membranes, respiratory tract, skin and eyes.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray
FIRE & EXPLOSION HAZARDS : Toxic and irritating dust, fumes or smoke may be emitted.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising mist/gas/vapour and avoid contact with skin and eyes.
- ENVIROMENTAL PRECATIONS : Prevent spills from entering sewers, watercourses or low areas. Comply with local disposal regulations.
- METHODS FOR CLEANING UP : Do not touch spilled material without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipments.
- STORAGE : Store away from sunlight in a refrigerator (2 - 10 °C). Keep container tightly closed.
- INCOMOPATIBLE PRODUCTS : Oxidizers and acids

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use adequate ventilation.
- VENTILATION : Local Exhaust ; Recommended, Mechanical(General) ; Recommended
- CONTROL PARAMETERS : Not established
- PERSONAL PROTECTION
- RESPRATORY PROTECTION : Safety masks
- HAND PROTECTION : Safety gloves
- EYE PROTECTION : Safety glasses(goggles)
- SKIN PROTECTION : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE : Liquid
- COLOUR : Clear
- ODOUR : No data available
- MELTING POINT / FREEZING POINT : No data available
- BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE : No data available
- FLAMMABILITY : No data available
- LOWER AND UPPER EXPLOSION LIMIT / FLAMMABILITY LIMIT : No data available
- FLASH POINT : No data available
- AUTO-IGNITION TEMPERATURE : No data available
- DECOMPOSITION TEMPERATURE : No data available
- pH : No data available
- KINEMATIC VISCOSITY : No data available
- SOLUBILITY : No data available
- PARTITION COEFFICIENT
- n-octanol/water (log value) : No data available
- VAPOUR PRESSURE : No data available
- DENSITY AND/OR RELATIVE DENSITY : No data available
- RELATIVE VAPOUR DENSITY : No data available
- PARTICLE CHARACTERISTICS : Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY : Stable under recommended storage conditions.
CHEMICAL STABILITY : No data available
CONDITION TO AVOID : Heat, high temperature, sunlight, open flame
INCOMPATIBLE MATERIALS : Oxidizers, acids
HAZARDOUS DECOMPOSITION PRODUCTS : No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No data available
SKIN CORROSION/IRRITATION : No data available
EYE DAMAGE/EYE IRRITATION : No data available
GERM CELL MUTAGENICITY : No data available
CARCINOGENICITY : No data available
REPRODUCTIVE TOXICITY : No data available
SPECIFIC TARGET ORGAN TOXICITY : No data available
ASPIRATION TOXICITY : No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available
BIODEGRADABILITY : No data available
BIOACCUMULATION POTENTIAL : No data available
MOBILITY IN SOIL : No data available
OTHER ADVERSE EFFECTS : Not listed in Montreal Protocol list.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

IATA : Not dangerous goods
ADR/RID : Not dangerous goods
DOT(Department of Transportation) : Not dangerous goods
MARINE POLLUTANT : Not classified

15. REGULATORY INFORMATION

For classification and labeling of chemicals in accordance with the applicable rules and regulations in the EU or each country, refer to GHS classification of this product (See Section 2).

US REGULATION : OSHA HCS 2012/29 CFR 1910.1200

EU REGULATION : CLP Regulation ((EC) No. 1272/2008)

16. OTHER INFORMATION**NOTICE:**

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

This product in terms of chemical identity and the unit amount provide is intended for use in chemical analysis and not for human consumption, nor any other purpose.

SAFETY DATA SHEET

SDS No.7510-0038

Date

January 20, 2020

1/3 page

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Elution Buffer
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 7510-11310, 7510-11311, 7510-11312, 7510-11313
SDS No. : 7510-0038
Research use only.

2. HAZARDS IDENTIFICATION

This product is used for sample preparation in chemical analysis for research and development. Although this product is not dangerous goods, we show some data about chemical substances contained in this product for the information supplement below.

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : ---
SIGNAL WORD : ---
HAZARD STATEMENTS : ---
PRECAUTIONARY STATEMENTS : ---
OTHER INFORMATION : May possible skin irritation by long-term or prolonged contact with this product.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : Eye irritation, skin irritation, digestive tract irritation, respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : Buffer(containing less than 1 % aminobutyric acid)
SYNONYMS : ---
CONTENT : ---
CHEMICAL FORMULA : ---
CAS No. : ---
TASCA INVENTORY : ---
EINECS No. : ---
EC INDEX No. : ---

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off with soap and plenty of water. Use personal protective equipment.
INHALATION : Move victim to fresh air and gargle. If breathing is difficult, give oxygen.
If irritation persists, consult a physician.
SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.
EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.
INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED : May cause irritation of mucous membranes, respiratory tract, skin and eyes.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray
FIRE & EXPLOSION HAZARDS : Toxic and irritating dust, fumes or smoke may be emitted.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising mist/gas/vapour and avoid contact with skin and eyes.
- ENVIROMENTAL PRECATIONS : Prevent spills from entering sewers, watercourses or low areas. Comply with local disposal regulations.
- METHODS FOR CLEANING UP : Do not touch spilled material without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipments.
- STORAGE : Store away from sunlight in a refrigerator (2 - 10 °C). Keep container tightly closed.
- INCOMOPATIBLE PRODUCTS : Oxidizers and acids

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use adequate ventilation.
- VENTILATION : Local Exhaust ; Recommended, Mechanical(General) ; Recommended
- CONTROL PARAMETERS : Not established
- PERSONAL PROTECTION
 - RESPRATORY PROTECTION : Safety masks
 - HAND PROTECTION : Safety gloves
 - EYE PROTECTION : Safety glasses(goggles)
 - SKIN PROTECTION : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE : Liquid
- COLOUR : Clear
- ODOUR : No data available
- MELTING POINT / FREEZING POINT : No data available
- BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE : No data available
- FLAMMABILITY : No data available
- LOWER AND UPPER EXPLOSION LIMIT / FLAMMABILITY LIMIT : No data available
- FLASH POINT : No data available
- AUTO-IGNITION TEMPERATURE : No data available
- DECOMPOSITION TEMPERATURE : No data available
- pH : No data available
- KINEMATIC VISCOSITY : No data available
- SOLUBILITY : No data available
- PARTITION COEFFICIENT
 - n-octanol/water (log value) : No data available
- VAPOUR PRESSURE : No data available
- DENSITY AND/OR RELATIVE DENSITY : No data available
- RELATIVE VAPOUR DENSITY : No data available
- PARTICLE CHARACTERISTICS : Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY : Stable under recommended storage conditions.
CHEMICAL STABILITY : No data available
CONDITION TO AVOID : Heat, high temperature, sunlight, open flame
INCOMPATIBLE MATERIALS : Oxidizers, acids
HAZARDOUS DECOMPOSITION PRODUCTS : No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No data available
SKIN CORROSION/IRRITATION : No data available
EYE DAMAGE/EYE IRRITATION : No data available
GERM CELL MUTAGENICITY : No data available
CARCINOGENICITY : No data available
REPRODUCTIVE TOXICITY : No data available
SPECIFIC TARGET ORGAN TOXICITY : No data available
ASPIRATION TOXICITY : No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available
BIODEGRADABILITY : No data available
BIOACCUMULATION POTENTIAL : No data available
MOBILITY IN SOIL : No data available
OTHER ADVERSE EFFECTS : Not listed in Montreal Protocol list.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

IATA : Not dangerous goods
ADR/RID : Not dangerous goods
DOT(Department of Transportation) : Not dangerous goods
MARINE POLLUTANT : Not classified

15. REGULATORY INFORMATION

For classification and labeling of chemicals in accordance with the applicable rules and regulations in the EU or each country, refer to GHS classification of this product (See Section 2).

US REGULATION : OSHA HCS 2012/29 CFR 1910.1200

EU REGULATION : CLP Regulation ((EC) No. 1272/2008)

16. OTHER INFORMATION**NOTICE:**

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

This product in terms of chemical identity and the unit amount provide is intended for use in chemical analysis and not for human consumption, nor any other purpose.

SAFETY DATA SHEET

SDS No.7510-0039

Date

January 20, 2020

1/3 page

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Regeneration Buffer
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 7510-11310, 7510-11311, 7510-11312, 7510-11313
SDS No. : 7510-0039
Research use only.

2. HAZARDS IDENTIFICATION

This product is used for sample preparation in chemical analysis for research and development. Although this product is not dangerous goods, we show some data about chemical substances contained in this product for the information supplement below.

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : ---
SIGNAL WORD : ---
HAZARD STATEMENTS : ---
PRECAUTIONARY STATEMENTS : ---
OTHER INFORMATION : May possible skin irritation by long-term or prolonged contact with this product.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : Eye irritation, skin irritation, digestive tract irritation, respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : Buffer(containing less than 0.1 % aminobutyric acid)
SYNONYMS : ---
CONTENT : ---
CHEMICAL FORMULA : ---
CAS No. : ---
TASCA INVENTORY : ---
EINECS No. : ---
EC INDEX No. : ---

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off with soap and plenty of water. Use personal protective equipment.
INHALATION : Move victim to fresh air and gargle. If breathing is difficult, give oxygen.
If irritation persists, consult a physician.
SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.
EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.
INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray
FIRE & EXPLOSION HAZARDS : Toxic and irritating dust, fumes or smoke may be emitted.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising mist/gas/vapour and avoid contact with skin and eyes.
- ENVIROMENTAL PRECATIONS : Prevent spills from entering sewers, watercourses or low areas. Comply with local disposal regulations.
- METHODS FOR CLEANING UP : Do not touch spilled material without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipments.
- STORAGE : Store away from sunlight in a refrigerator (2 - 10 °C). Keep container tightly closed.
- INCOMOPATIBLE PRODUCTS : Oxidizers and acids

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use adequate ventilation.
- VENTILATION : Local Exhaust ; Recommended, Mechanical(General) ; Recommended
- CONTROL PARAMETERS : Not established
- PERSONAL PROTECTION
- RESPRATORY PROTECTION : Safety masks
- HAND PROTECTION : Safety gloves
- EYE PROTECTION : Safety glasses(goggles)
- SKIN PROTECTION : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE : Liquid
- COLOUR : Clear
- ODOUR : No data available
- MELTING POINT / FREEZING POINT : No data available
- BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE : No data available
- FLAMMABILITY : No data available
- LOWER AND UPPER EXPLOSION LIMIT / FLAMMABILITY LIMIT : No data available
- FLASH POINT : No data available
- AUTO-IGNITION TEMPERATURE : No data available
- DECOMPOSITION TEMPERATURE : No data available
- pH : No data available
- KINEMATIC VISCOSITY : No data available
- SOLUBILITY : No data available
- PARTITION COEFFICIENT
- n-octanol/water (log value) : No data available
- VAPOUR PRESSURE : No data available
- DENSITY AND/OR RELATIVE DENSITY : No data available
- RELATIVE VAPOUR DENSITY : No data available
- PARTICLE CHARACTERISTICS : Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY : Stable under recommended storage conditions.
CHEMICAL STABILITY : No data available
CONDITION TO AVOID : Heat, high temperature, sunlight, open flame
INCOMPATIBLE MATERIALS : Oxidizers, acids
HAZARDOUS DECOMPOSITION PRODUCTS : No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No data available
SKIN CORROSION/IRRITATION : No data available
EYE DAMAGE/EYE IRRITATION : No data available
GERM CELL MUTAGENICITY : No data available
CARCINOGENICITY : No data available
REPRODUCTIVE TOXICITY : No data available
SPECIFIC TARGET ORGAN TOXICITY : No data available
ASPIRATION TOXICITY : No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available
BIODEGRADABILITY : No data available
BIOACCUMULATION POTENTIAL : No data available
MOBILITY IN SOIL : No data available
OTHER ADVERSE EFFECTS : Not listed in Montreal Protocol list.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

IATA : Not dangerous goods
ADR/RID : Not dangerous goods
DOT(Department of Transportation) : Not dangerous goods
MARINE POLLUTANT : Not classified

15. REGULATORY INFORMATION

For classification and labeling of chemicals in accordance with the applicable rules and regulations in the EU or each country, refer to GHS classification of this product (See Section 2).

US REGULATION : OSHA HCS 2012/29 CFR 1910.1200

EU REGULATION : CLP Regulation ((EC) No. 1272/2008)

16. OTHER INFORMATION**NOTICE:**

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

This product in terms of chemical identity and the unit amount provide is intended for use in chemical analysis and not for human consumption, nor any other purpose.

SAFETY DATA SHEET

SDS No.7510-0040

Date

January 20, 2020

1/3 page

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Neutralizing Buffer
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 7510-11310, 7510-11311, 7510-11312, 7510-11313
SDS No. : 7510-0040
Research use only.

2. HAZARDS IDENTIFICATION

This product is used for sample preparation in chemical analysis for research and development. Although this product is not dangerous goods, we show some data about chemical substances contained in this product for the information supplement below.

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : - - -
SIGNAL WORD : - - -
HAZARD STATEMENTS : - - -
PRECAUTIONARY STATEMENTS : - - -
OTHER INFORMATION : May possible skin irritation by long-term or prolonged contact with this product.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : Eye irritation, skin irritation, digestive tract irritation, respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : Tris-HCl buffer
SYNONYMS : - - -
CONTENT : 13%(as Tris)
CHEMICAL FORMULA : C₄H₁₁NO₃
CAS No. : 77-86-1
TASCA INVENTORY : Listed
EINECS No. : 201-064-4
EC INDEX No. : Not established

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off with soap and plenty of water. Use personal protective equipment.
INHALATION : Move victim to fresh air and gargle. If breathing is difficult, give oxygen.
If irritation persists, consult a physician.
SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.
EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.
INGESTION : Rinse mouth, give plenty of water to vomit. Never give anything by mouth to an unconscious person. Consult a physician.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED : May cause irritation of mucous membranes, respiratory tract, skin and eyes.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray
FIRE & EXPLOSION HAZARDS : Toxic and irritating dust, fumes or smoke may be emitted.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising mist/gas/vapour and avoid contact with skin and eyes.
- ENVIROMENTAL PRECATIONS : Prevent spills from entering sewers, watercourses or low areas. Comply with local disposal regulations.
- METHODS FOR CLEANING UP : Do not touch spilled material without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipments.
- STORAGE : Store away from sunlight in a refrigerator (2 - 10 °C). Keep container tightly closed.
- INCOMOPATIBLE PRODUCTS : Oxidizers and acids

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits. Use adequate ventilation.
- VENTILATION : Local Exhaust ; Recommended, Mechanical(General) ; Recommended
- CONTROL PARAMETERS : Not established
- PERSONAL PROTECTION
- RESPRATORY PROTECTION : Safety masks
- HAND PROTECTION : Safety gloves
- EYE PROTECTION : Safety glasses(goggles)
- SKIN PROTECTION : Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE : Liquid
- COLOUR : Clear
- ODOUR : No data available
- MELTING POINT / FREEZING POINT : No data available
- BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE : No data available
- FLAMMABILITY : No data available
- LOWER AND UPPER EXPLOSION LIMIT / FLAMMABILITY LIMIT : No data available
- FLASH POINT : No data available
- AUTO-IGNITION TEMPERATURE : No data available
- DECOMPOSITION TEMPERATURE : No data available
- pH : No data available
- KINEMATIC VISCOSITY : No data available
- SOLUBILITY : No data available
- PARTITION COEFFICIENT
- n-octanol/water (log value) : No data available
- VAPOUR PRESSURE : No data available
- DENSITY AND/OR RELATIVE DENSITY : No data available
- RELATIVE VAPOUR DENSITY : No data available
- PARTICLE CHARACTERISTICS : Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY	: Stable under recommended storage conditions.
CHEMICAL STABILITY	: No data available
CONDITION TO AVOID	: Heat, high temperature, sunlight, open flame
INCOMPATIBLE MATERIALS	: Oxidizers, acids
HAZARDOUS DECOMPOSITION PRODUCTS	: No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	: No data available
SKIN CORROSION/IRRITATION	: No data available
EYE DAMAGE/EYE IRRITATION	: No data available
GERM CELL MUTAGENICITY	: No data available
CARCINOGENICITY	: No data available
REPRODUCTIVE TOXICITY	: No data available
SPECIFIC TARGET ORGAN TOXICITY	: No data available
ASPIRATION TOXICITY	: No data available

12. ECOLOGICAL INFORMATION

ECOTOXICITY	: No data available
BIODEGRADABILITY	: No data available
BIOACCUMULATION POTENTIAL	: No data available
MOBILITY IN SOIL	: No data available
OTHER ADVERSE EFFECTS	: Not listed in Montreal Protocol list.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

IATA	: Not dangerous goods
ADR/RID	: Not dangerous goods
DOT(Department of Transportation)	: Not dangerous goods
MARINE POLLUTANT	: Not classified

15. REGULATORY INFORMATION

For classification and labeling of chemicals in accordance with the applicable rules and regulations in the EU or each country, refer to GHS classification of this product (See Section 2).

US REGULATION : OSHA HCS 2012/29 CFR 1910.1200

EU REGULATION : CLP Regulation ((EC) No. 1272/2008)

16. OTHER INFORMATION

NOTICE:

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

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