



Safety Data Sheet

GP DNA Saliva kit

Code No. NR-130

NS-7025

NS-6025

KURABO INDUSTRIES LTD.

Advanced Technology Division Bio-Medical department

Advanced Technology Center 2F, 14-30 Shimokida-Cho, Neyagawa, Osaka 572-0823, Japan

TEL: +81-72-820-3079

FAX: +81-72-820-3095

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product name: P Buffer
Product code: NS-7025
SDS NO: NS7025_EUE_1

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

Relevant identified uses of the product: Reagents for automated nucleic acid isolation system
 Uses advised against: For research use only

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: KURABO INDUSTRIES LTD.
Address: Advanced Technology Center, 14-30 Shimokida-cho, Neyagawa, Osaka, 572-0823 JAPAN
Division: Bio-Medical department
Telephone number: +81-72-820-3079
FAX: +81-72-820-3095

2. Hazards identification

GHS classification and label elements of the product

2.1 Classification of the substance or mixture

Not applicable to GHS classification

2.2 Label elements

No hazard pictogram
 No Signal word

The product does not contain any ingredient designated as PBT and/or vPvB.

3. Composition/information on ingredients

3.2 Mixture/Substance selection Mixture

Ingredient name	Content(%)	CAS No.
HAZCODE_EU	ECNO	
Potassium acetate	127-08-2	45 - 55
-	204-822-2	

Note : The figures shown above are not the specifications of the product.

The components not described in this component table are not listed in Table 3 of Annex VI in EU CLP.

Components contributing to the hazard

Not contain PBT/vPvB, REACH SVHC listed ingredient

Not contain CMR, REACH SVHC listed ingredient

Not contain Health, REACH SVHC listed ingredient

Not contain Enviro, REACH SVHC listed ingredient

4. First-aid measures

4.1 Descriptions of first-aid measures

IF INHALED Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN(or hair) Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention.

IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.

IF SWALLOWED Rinse mouth.
 Call a POISON CENTER or doctor/physician if you feel unwell.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media Use appropriate extinguishing media suitable for surrounding facilities.

5.3 Advice for firefighters

Specific fire-fighting measures Evacuate non-essential personnel to safe area.

6. Accidental release measures

6.1 Personnel precautions, protective equipment and emergency procedures

- Keep unauthorized personnel away.
- Ventilate area until material pick up is complete.
- Wear proper protective equipment.

6.2 Environmental precautions

- Prevent spills from entering sewers, watercourses or low areas.

6.3 Methods and materials for containment and cleaning up

- Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.
- For large spill, dike for later disposal.
- Fill the disposal into labelled, closable containers.

7. Handling and storage

7.1 Precautions for safe handling

- Safety treatments
 - Avoid contact with skin.
 - Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

- Recommendation for storage
 - Store in a well-ventilated place. Keep container tightly closed.
 - Keep cool. Protect from sunlight.
 - Store in a dry place.

8. Exposure controls/personal protection

8.1 Control parameters

- Adopted value
 - No Adopted value data available in ACGIH

8.2 Exposure controls

- Appropriate engineering controls
 - Do not use in areas without adequate ventilation.
 - Eye wash station should be available.
 - Washing facilities should be available.
- Individual protection measures
 - Respiratory protection
 - In case of inadequate ventilation wear respiratory protection.
 - Hand protection
 - Wear protective gloves. Recommended material(s): impermeable or chemical resistant rubber
 - Eye protection
 - Wear eye/face protection.
 - Skin and body protection
 - Wear protective clothing.
- Safety and Health measures
 - Do not get in eyes, on skin, or on clothing.
 - Do not eat, drink or smoke when using this product.
 - Wash hands thoroughly after handling.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical properties	
Appearance:	Liquid
Color:	Colorless, Clear
Odor:	None
Flash point:	Not flammable
Solubility	
Solubility in water:	Soluble
Solubility in solvent:	Soluble(Alcohol)

10. Stability and Reactivity

- 10.2 Chemical stability Stable under normal storage/handling conditions.

11. Toxicological Information

11.1 Information on toxicological effects

- No Acute toxicity data available
- No Irritant properties data available
- No Allergenic and sensitizing effects data available
- No Mutagenic effects data available
- No Carcinogenic effects data available
- No Teratogenic effects data available
- No reproductive toxicity data available
- No STOT-single/repeated exposure data available
- No Aspiration hazard data available

12. Ecological Information

Toxicity

- No Aquatic toxicity data available

Water solubility

- (potassium acetate) 256 g/100 ml (20°C) (ICSC, 2006)

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in soil

- No data available

PBT and/or vPvB related

- No data available

Ozone depleting chemical

- No data available

13. Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/national regulation.
- Dispose to an authorized waste collection point.
- Do not dump into sewers, on the ground or into any body of water.

Contaminated packing

- Dispose of container after using the contents completely.

14. Transport Information

UN No, UN CLASS Not applicable to UN NO.

IMDG Code (International Maritime Dangerous Goods Regulations)

Not applicable to IMDG Code

IATA Dangerous Goods Regulations

Not applicable to IATA Dangerous Goods Regulations

14.5 Environmental hazards

- MARPOL Annex III – Prevention of pollution by harmful substances
- Marine pollutants (yes/no) : no

15. Regulatory Information

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

Data N.A

Other regulatory information

- We are not able to check up other regulatory information in regard to the substances in your country or region, therefore we request this matter would be filled by your responsibility.

16. Other information

The product is not applicable to GHS classifications.

Reference Book

- Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN
- Recommendations on the TRANSPORT OF DANGEROUS GOODS 20th edit., 2017 UN
- IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (60th Edition) 2019
Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)
2016 EMERGENCY RESPONSE GUIDEBOOK (US DOT)
2019 TLVs and BEIs. (ACGIH)
<http://monographs.iarc.fr/ENG/Classification/index.php>
Supplier's data/information
GESTIS-Stoffdatenbank
Pub Chem (OPEN CHEMISTRY DATABASE)

General Disclaimer

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety. The GHS classification data given here is based on current EU official data (EU CLP published in 01.03.2018).

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product identifier:

Product name: E Buffer
Product code: NS-6025
SDS NO: NS6025_US_1

Details of the supplier of the safety data sheet

Manufacturer/Supplier: KURABO INDUSTRIES LTD.
Address: Advanced Technology Center, 14-30 Shimokida-cho, Neyagawa, Osaka, 572-0823 JAPAN
Division: Bio-Medical department
Telephone number: +81-72-820-3079
FAX: +81-72-820-3095

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

Relevant identified uses of the product: Reagents for automated nucleic acid isolation system
 Uses advised against: For research use only

2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture
 Not applicable to GHS classification

Label elements

No hazard pictogram
 No Signal word

3. Composition/information on ingredients

Mixture/Substance selection Mixture

Ingredient name	Content(%)	CAS No.
Tris(hydroxymethyl)aminomethane	< 1.0	77-86-1
EDTA di-Sodium Dihydrate	< 1.0	6381-92-6
Water	Balance	7732-18-5

Note : The figures shown above are not the specifications of the product.

4. First-aid measures

Descriptions of first-aid measures

IF INHALED Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN(or hair) Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention.

IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.

IF SWALLOWED Rinse mouth.
 Call a POISON CENTER or doctor/physician if you feel unwell.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Use appropriate extinguishing media suitable for surrounding facilities.

6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

Wear proper protective equipment.

Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

Methods and materials for containment and cleaning up

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.
 Fill the disposal into labelled, closable containers.

7. Handling and storage

Precautions for safe handling

Conditions for safe storage, including any incompatibilities

Recommendation for storage

Store in a well-ventilated place. Keep container tightly closed.

Keep cool. Protect from sunlight.

8. Exposure controls/personal protection

Control parameters

Adopted value

No ACGIH values available

Exposure controls

Appropriate engineering controls

Exhaust/ventilator should be available.

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Hand protection

Wear protective gloves. Recommended material(s): impermeable or chemical resistant rubber

Eye protection

Wear safety glasses with side-shields or chemical safety goggle.

Skin and body protection

Wear protective clothing.

Safety and Health measures

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical properties	
Appearance:	Liquid
Color:	Colorless, Clear
Odor:	Odorless
pH:	8.0
Flash point:	Not applicable (Non-flammable liquid)
Solubility	
Solubility in water:	Miscible

10. Stability and Reactivity

Chemical stability

Stable under normal storage/handling conditions.

11. Toxicological Information

Information on toxicological effects

No Acute toxicity data available

No Irritant properties data available

No Allergenic and sensitizing effects data available

No Mutagenic effects data available

No Carcinogenic effects data available

No Teratogenic effects data available

No reproductive toxicity data available

No STOT-single/repeated exposure data available

No Aspiration hazard data available

12. Ecological Information

Toxicity

No Aquatic toxicity data available

Water solubility

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Ozone depleting chemical

No data available

13. Disposal considerations

Waste treatment methods

Avoid release to the environment (- if this is not the intended use).

Dispose of contents/container in accordance with local/national regulation.

14. Transport Information

UN No, UN CLASS

Not applicable to UN NO.

15. Regulatory Information

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

US major regulations

TSCA Tris(hydroxymethyl)aminomethane

EDTA di-Sodium Dihydrate (Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, sodium salt (1:2))

Other regulatory information

We are not able to check up other regulatory information in regard to the substances in your country or region, therefore we request this matter would be filled by your responsibility.

16. Other information

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 19th edit., 2015 UN

Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)

2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2016 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information

GESTIS-Stoffdatenbank

HCS/HazCom 2012 (29 CFR 1910.1200)

Pub Chem (OPEN CHEMISTRY DATABASE)

General Disclaimer

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It are advised to make their own tests to determinate the safety and suitability of each such product or combination for their own purposes.

The GHS classification data given here is based on current EU official data (EU CLP published in 01.06.2015).