

DNA-HS12000 KIT ASSY (P/N 292-36800-91, 292-36800-10, 292-36800-30) includes DNA-HS12000 Separation Buffer and DNA-HS12000 Marker solution.

Section 1: Identification of the substance or mixture and of the supplier

Section 2: Hazard identification

Section 3: Composition/information on ingredients

* The exact concentration of composition has been withheld as confidential business information.

Section 4: First-aid measures

Section 5: Fire-fighting measures

Section 6: Accidental release measures

Section 7: Handling and storage

Section 8: Exposure controls/personal protection

Exposure limits:	No occupational exposure limit values and/or biological limit values are established.
Permitted concentration:	Japan Society for Occupational Health: Not established ACGIH: (Boric Acid) TWA 2mg/m ³ (I), STEL 6mg/m ³ (I)
Equipment measures:	Eyewash equipment
Respiratory protection:	Not required
Hand protection:	Wear impervious glove.
Eye protection:	Wear tightly sealed goggles.
Skin and body protection:	Wear laboratory coat.

Section 9: Physical and chemical properties

Physical state, color:	Colorless, transparent liquid
Odor	Odorless
Melting/ Freezing point:	No data available
Boiling point/ boiling range:	No data available
Flammability:	Not applicable
Lower/Upper explosion limit:	Not classified as explosive.
Flash point:	No data available
Auto-ignition temperature:	The product does not combust spontaneously.
Decomposition temperature:	No data available
pH:	8.0 at 25°C
Kinematic viscosity:	No data available
Solubility:	Readily soluble
Vapor pressure:	No data available
Density and/or relative density:	No data available
Relative vapor density:	No data available
Particle characteristics:	Not applicable

Section 10: Stability and reactivity

Reactivity:	No information available
Chemical stability:	Stable under standard ambient conditions.
Possibility of hazardous reactions:	Hazardous reaction has not been reported.
Conditions to avoid:	Avoid physical stress e.g., direct sunlight, excess heat, or electrostatic discharge.
Incompatible materials:	No information available
Hazardous decomposition products:	No information available

Section 11: Toxicological information

No data available for the mixture.

Acute toxicity:	Not classified (Unknown toxic components in the mixture: $\geq 0.1\%$)
Skin corrosion/irritation:	Not classified due to insufficient data
Serious eye damage/eye irritation:	Not classified (Unknown toxic components in the mixture: $\geq 0.1\%$)
Reproductive or skin sensitization:	Not classified due to insufficient data.
Germ cell mutagenicity:	Not classified due to insufficient data.
Carcinogenicity:	Not classified due to insufficient data.
Reproductive toxicity:	Not classified due to insufficient data.
Specific target organ toxicity (single exposure):	Not classified due to insufficient data.
Specific target organ toxicity (repeated exposure):	Not classified due to insufficient data.
Aspiration hazard:	Not classified (No kinematic viscosity data available.)

Section 12: Ecological information

No data available for the mixture.

Toxicity	Hazardous to the aquatic environment (acute): Not applicable for classification. Hazardous to the aquatic environment (chronic): Not applicable for classification.
Persistence and degradability:	No information available
Bioaccumulative potential:	No information available
Mobility in soil:	No information available
Other adverse effects:	Ozone depletion potential, photochemical ozone creation potential and/or global

Warming potential: Not classified (Not listed in Annexes of Montreal Protocol.)

Section 13: Disposal considerations

Residual waste:	Dispose of contents/ container according to all federal, state, and local environmental regulations.
Contaminated container:	After removing the contents, dispose of contents/ container according to all federal, state, and local environmental regulations.

Section 14: Transport information

US DOT, IMDG (sea), ADR/RID (land), ICAO/IATA (air): No classification assigned.
Prior to transport, make sure no leakage is observed from the bottle and stow a cargo without dropping and turning over.

Section 15: Regulatory information

The composition/ information of ingredients is disclosed according to GHS. Comply with all countries, national and local regulation.

Section 16: Other information

References

- 1) National Institute of Technology and Evaluation: GHS; http://www.safe.nite.go.jp/ghs/ghs_index.html
- 2) National Institute of Technology and Evaluation: CHRIP; http://www.nite.go.jp/chem/chrip/chrip_search/systemTop
- 3) Ministry of Economy, Trade and Industry: GHS Mixture Classification System ver. 6.0 (According to GHS, sixth revised edition, 2015)

Revision

Date of latest revision: March 3, 2026
Reason for revision: GHS ninth revised edition (JIS Z7253: 2025) compliant
Changes from the previous version: Precautionary statements, P codes, and update of description format

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