

Safety Data Sheet

Revision Date: 02/18/2020

SDS ID: ISWAB-1.7

Section 1 - IDENTIFICATION

Product Part Numbers:

ISWAB-DNA-1200, ISWAB-DNA-250, ISWAB-RNA-1200, ISWAB-RNA-v2, ISWAB-P-1200, ISWAB-ANML-250, ISWAB-ID-250, ISWAB-DSC, ISWAB-BL-250, ISWAB-MB-1200, ISWAB-MBF-1200, ISWAB-CELLS-1200, ISD-T-1200-R, ISD-T-250-R, ISR-T-1200-R, ISR2-T-1200-R, ISP-T-1200-R, ISAN-T-250-R, ISF-T-250-R, ISF-T-DSC-R, ISBL-T-250-R, ISM-T-1200-R, ISC-T-1200-R, ISWAB-CB (50 mL, 100 mL). Numbers represent the amount of cells suspension solution in each device measured in Micro-liter volumes.

Trade Names

iSWAB device for the collection of DNA, RNA, Protein, Blood, Microbiome, and Cells from single and multiple swabs including stabilization buffers. HemaSure direct draw blood tubes for stabilization of blood components.

Product Description

Used for the collection of biological samples.

Recommended Use

This product is designed for the efficient collection and concentration of biological samples. This product should only be used in accordance with the instructions provided.

Restrictions on Use

None known.

Manufacturer Information

MAWI DNA TECHNOLOGIES LLC.
26203 Production Ave, Suite 3
Hayward, CA 94545, USA

Phone: +1 (510) 256-5186
Emergency # +1 (510) 256-5186

Section 2 - HAZARD(S) IDENTIFICATION

Classification in accordance with 29 CFR 1910.1200.

No classification is assigned, based on classification criteria. Review the entire data sheet for any additional information which did not result in a GHS classification.

Precautionary Statement(s)

None needed according to classification criteria.

Hazard(s) Not Otherwise Classified

NA: Non-hazardous mixture

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component	Percent
7732-18-5	Non-hazardous mixture	100

Additional Composition Information

NON-HAZARDOUS SUBSTANCE. All components listed or exempt.

Section 4 - FIRST-AID MEASURES

Description of Necessary Measures

Inhalation

If adverse effects occur, remove to uncontaminated area. Get medical advice/attention if you feel unwell.

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Skin Contact

If adverse effects occur, wash with soap or mild detergent and large amounts of water.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

Ingestion

Call a POISON CENTER or doctor/physician if you feel unwell.

Most Important Symptoms/Effects

Acute

No information on significant adverse effects.

Delayed

No information on significant adverse effects.

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

No additional information is available.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

Hazardous Combustion Products

Combustion: water based product

Special Protective Equipment and Precautions for Firefighters

No applicable data for the products.

Fire Fighting Measures

No applicable data for the products.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

See Section 8 for personal protection information.

Methods and Materials for Containment and Cleaning Up

Collect with absorbent into suitable container. Keep out of water supplies and sewers. This material or its components, if spilled, may be reportable under CERCLA and/or SARA.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Wash thoroughly after handling.

Conditions for Safe Storage, including any Incompatibilities

Avoid heavy metals. Keep out of water supplies and sewers.

Incompatibilities: strong acids, strong oxidizing materials, strong alkali, metals

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

CAS	Component	Percent
7732-18-5	Non-hazardous mixture	100

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Appropriate Engineering Controls

Ensure adequate ventilation.

Individual Protection Measures, such as Personal Protective Equipment

Eyes/Face Protection

Safety glasses or goggles are not needed unless there is a potential for eye contact of the cell suspension solution.

Skin Protection

No special clothing required.

Glove Recommendations

Wear suitable gloves.

Respiratory Protection

Approved respirators should be worn when airborne concentrations are expected to exceed occupation exposure limits.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Clear liquid
Color:	Clear	Physical Form:	liquid
Odor:	odorless	Odor Threshold:	Not available
pH:	7-7.5	Melting Point:	Not available
Boiling Point:	Not available	Flash Point:	Non-flammable
Evaporation Rate:	Not available	OSHA Flammability Class:	Not applicable
Vapor Pressure:	Not available	Vapor Density (air = 1):	Not available
Density:	Not available	Specific Gravity (water = 1):	1.11
Water Solubility:	Yes	Coeff. Water/Oil Dist:	Not available
Viscosity:	Not available	Volatility:	Not available

Section 10 - STABILITY AND REACTIVITY

Reactivity

NA.

Chemical Stability

Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid contact with incompatible materials.

Incompatible Materials

strong acids, strong oxidizing materials, strong alkali, metals

Hazardous Decomposition Products

oxides of carbon

Hazardous Decomposition

Combustion: water based product

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity

No data available.

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Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

Information on Likely Routes of Exposure

Inhalation

No applicable data for the products.

Ingestion

No applicable data for the products.

Skin Contact

No applicable data for the products.

Eye Contact

No applicable data for the products.

Immediate Effects

No information on significant adverse effects.

Delayed Effects

No information on significant adverse effects.

Medical Conditions Aggravated by Exposure

None known.

Irritation/Corrosivity Data

No applicable data for the products.

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Carcinogenicity

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA.

Specific Target Organ Toxicity - Single Exposure

None known.

Specific Target Organ Toxicity - Repeated Exposure

None known.

Aspiration Hazard

Not expected to be an aspiration hazard.

* * *Section 12 - ECOLOGICAL INFORMATION* * *

Ecotoxicity

No applicable data for the products.

Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

* * *Section 13 - DISPOSAL CONSIDERATIONS* * *

Disposal Methods

Dispose in accordance with all applicable federal, state/regional and local laws and regulations.

Disposal of Contaminated Packaging

None needed according to classification criteria.

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Section 14 - TRANSPORT INFORMATION

US DOT Information

Not regulated as a hazardous material.

TDG Information

Not regulated as dangerous goods.

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material does not contain any material that requires to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

CAS	Component	Percent
7732-18-5	Non-hazardous mixture	100

Not regulated under California Proposition 65

Component Analysis - Inventory

CAS	Component	Percent
7732-18-5	Non-hazardous mixture	100

Section 16 - OTHER INFORMATION

Summary of Changes

New MSDS: 1.4

Addition of HemaSure products

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; CA - Canada; CAS - Chemical Abstracts Service; DFG - Deutsche Forschungsgemeinschaft; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EU - Regulation (EC) No 1272/2008 - Classification, Labelling and Packaging (CLP); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC Code - International Bulk Chemical Code; ICAO - International Civil Aviation Organization; Kow - Octanol/water partition coefficient; LC50 - Lethal Concentration, 50%; LEL - Lower Explosive Limit; NIOSH - National Institute for Occupational Safety and Health; NTP - National Toxicology Program; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; STEL - Short-term Exposure Limit; TWA - Time Weighted Average; UEL - Upper Explosive Limit; Workplace Hazardous Materials Information System (WHMIS)

Other Information

The information contained in this document express our current knowledge and experience, however cannot imply guarantee of any nature. Considering the variety of factors that can affect their process or application, the information on this sheet does not exempt the processors from the responsibility of executing their own tests and experiments.

End of Sheet ISWAB-DNA/RNA/PROTEIN/VET/BLOOD/ID/MICROBIOME/CELLS SDS DOCUMENT