

Safety Data Sheet

Date of Issue/Date of Revision:

2-December-2025

Date of Previous Issue:

Not applicable

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SDS – ARK™ Ethyl Glucuronide II Assay (Forensic)

Meets the requirements of Regulation (EC) No. 1907/2006 (REACH), Annex II, with changes introduced by Commission Regulation (EU) 2020/878, and Occupational Safety and Health Administration Standard Number 1910.1200 App D.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

- 1.1. Product Identifier:** ARK™ Ethyl Glucuronide II Assay
- Product Number: 5077-0004-00, 5077-0004-01, 5077-0004-02, 5077-0004-03
- (a) Other means of identification/synonyms
- (b) Antibody/Substrate Reagent 1 4077-0001-02, 4077-0001-05, 4077-0001-08, 4077-0001-11
- (c) Enzyme Reagent 2 4077-0002-02, 4077-0002-05, 4077-0002-08, 4077-0002-11
- Product Type: Liquid Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against
For Criminal Justice and Forensic Use Only; Not for *In Vitro* Diagnostic Use**1.3. Details of the supplier of the safety data sheet**

Company ARK Diagnostics, Inc.
48089 Fremont Blvd.
Fremont, CA 94538
USA

Telephone 1-510-270-6270

Fax 1-510-270-6298

Email: customersupport@ark-tdm.com

- 1.4 Emergency Telephone** 800-424-9300 CHEMTREC (USA)
+1-703-527-3887 CHEMTREC (International)
24 Hours/day; 7 Days/week

2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

This product is a reagent kit consisting of individual ingredients. The classification of material is not considered hazardous by the EC Regulation 1272/2008 and OSHA Hazard Communication (29CFR

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1910.1200)

2.2. OSHA/HCS Status:

Regulation (EC)
1272/2008 [GHS]

ARK™ Ethyl Glucuronide II Assay

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label Elements:

Signal word: ARK™ Ethyl Glucuronide II Assay

No signal word.

Hazard statements: ARK™ Ethyl Glucuronide II Assay

No known significant effects or critical hazards.

Precautionary statements

Prevention: ARK™ Ethyl Glucuronide II Assay Not applicable.

Response: ARK™ Ethyl Glucuronide II Assay Not applicable.

Storage: ARK™ Ethyl Glucuronide II Assay Not applicable.

Disposal: ARK™ Ethyl Glucuronide II Assay Not applicable.

Supplemental label elements: ARK™ Ethyl Glucuronide II Assay Not applicable.

Hazards not otherwise

classified: ARK™ Ethyl Glucuronide II Assay Not applicable.

3. COMPOSITIONS/INFORMATION ON INGREDIENTS

Antibody/Substrate Reagent 1

GHS Classification

The GHS classification of the mixture has not been determined. Not a hazardous mixture based on bridging principles of GHS classification (2005) of individual components and ingredients and regulation EC No 1272/2008.

Components

Chemical name	CAS No. EC No.	Concentration (%w/w)	Classification
Nicotinamide adenine dinucleotide, monosodium	20111-18-6 683-623-6	>0.1 to <5	Not a hazardous substance

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dihydrate			
Glucose 6 phosphate disodium hydrate	3671-99-6 222-938-1	>0.1 to <5	Not a hazardous substance
Sodium Chloride	9048-46-8 232-936-2	>0.1 to <5	Not a hazardous substance
Albumins, Blood Serum	9048-46-8 232-936-2	>0.1 to <5	Not a hazardous substance

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Concentrations below 0.1%w/w for other ingredients are excluded per EC 1907/2006 and amended Annex II 2020/878. Occupational Exposure limits are listed in Section 8.

Enzyme Reagent 2

GHS Classification

Not a hazardous substance or mixture

Components

Chemical name	CAS No. EC No.	Concentration (%w/w)	Classification
TRIZMA Base	77-86-1 201-064-4	>0.1 to <5	Not a hazardous substance
TRIZMA Hydrochloride	1185-53-1 214-684-5	>0.1 to <5	Not a hazardous substance
Sodium Chloride	9048-46-8 232-936-2	>0.1 to <5	Not a hazardous substance
Albumins, Blood Serum	9048-046-8 232-936-2	>0.1 to <5	Not a hazardous substance

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Concentrations below 0.1%w/w for other ingredients are excluded per EC 1907/2006 and amended Annex II 2020/878. Occupational Exposure limits are listed in Section 8.

4. FIRST AID MEASURES

4.1. Description of necessary first aid measures

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Eye contact:	If easy to do, remove contact lenses, if worn. Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation occurs or persists, notify medical personnel and supervisor.
Skin contact:	Wash exposed area with soap and water and remove contaminated clothing/shoes. If irritation occurs or persists, notify medical personnel and supervisor.
Inhalation:	Immediately move exposed subject to fresh air. If not breathing, give artificial respiration. If breathing is labored, administer oxygen. 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. Immediately notify medical personnel and supervisor.
Ingestion:	If swallowed, call a physician immediately. Do not induce vomiting unless directed by medical personnel. Do not give anything to drink unless directed by medical personnel. Never give anything by mouth to an unconscious person. Notify medical personnel and supervisor.
Protection of first aid:	The first aid procedure should be established in consultation with medical personnel responsible for industrial medicine. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to perform mouth to mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Responders:	See Section 8 for Exposure Controls/Personal Protection Recommendations.

4.2. Most important symptoms and effects both acute and delayed : See also sections 2 and 11.

Indication of immediate medical attention and special treatment needed if necessary:

Medical conditions aggravated by exposure: None known or reported. Treat symptomatically and supportively.

Potential acute health effects

Eye contact:	No known significant effects or critical hazards.
Inhalation:	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

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Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Overexposure signs/symptoms

Eye Contact No specific data.

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

4.3. Indication of immediate medical attention and special treatment needed if necessary

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

Specific treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. The first aid procedure should be established in consultation with physician responsible for industrial medicine.

5. FIREFIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media: In case of fire, use water spray (fog), foam, carbon dioxide or dry chemical as appropriate for surrounding fire and materials.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture: In a fire or if heated a pressure increase could occur resulting in the container to burst.

Hazardous thermal decomposition products: No specific data.

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5.3. Advice for firefighters

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.

Special protective equipment for fire fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece.

6. ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel:

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 spilled material. Put on appropriate personal protective equipment.

For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel”.

6.2. Environmental precautions: Avoid dispersal of spilled 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 materials for containment and cleanup

Small spill:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill:

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for

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disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

6.4. Reference to other section(s)

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 and disposal.

7. HANDLING AND STORAGE**7.1. Precautions for safe handling**

Protective measures:

Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene:

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

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 unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3. Specific End Uses

Laboratory Reagents for Clinical Chemistry Analyzers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control Parameters**

Antibody substrate Reagent 1

Contains no substances with occupational exposure limit values.

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Enzyme Reagent 2

Contains no substances with occupational exposure limit values.

8.2. Exposure Controls

Appropriate engineering
Controls:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment:

The selected protective equipment have to satisfy the specifications of Regulations EU 2016/425 and the standard EN 374 derived from it.

Hand:

Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly. Please observe the instructions regarding the permeability and breakthrough time provided by the supplier of gloves.

Eye:

Wear Safety Glasses complying with approved standards commensurate with risk assessment indicating possibility of liquid splashes.

Skin and Body:

Appropriate clothing preferably a lab coat as protective suit. Personal protective equipment for the body should be selected based on the task being performed and the risks involved in handling the product. Appropriate footwear and any additional skin protection should be selected during the performance of the tasks.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands, forearms and face thoroughly after handling chemical products before eating and using the lavatory/toilet at the end of the working period. Wash contaminated clothing before reusing. Ensure eyewash stations and safety showers are in the vicinity and functional.

Respiratory Protection:

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Ensure proper training and fitting before use. No personal respiratory protective equipment is normally required during the handling of this product.

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**Antibody/Substrate Reagent R1

Appearance:	Clear Liquid.
Color:	Colorless.
Odor:	Odorless.
Odor threshold:	Not relevant due to nature of product information identified.
pH:	5.0 to 8.0.
Melting point/freezing point:	Not relevant due to nature of product.
Initial boiling point and boiling range:	Not relevant due to nature of product.
Flash point:	Does not Flash.
Evaporation rate:	No data available.
Flammability (liquids):	Does not sustain Combustion.
Upper/lower flammability or explosive limits:	No information identified.
Vapor pressure:	No information identified.
Vapor density:	No information identified.
Relative density:	No information identified.
Water solubility:	Miscible in water.
Solvent solubility:	No information identified.
Partition Coefficient (n-octanol/water):	No information identified.
Auto-Ignition temperature:	No information identified.
Decomposition temperature:	No information identified.
Viscosity:	No data available.
Explosive properties:	Not Explosive.
Oxidizing properties:	The substance or mixture is not classified as oxidizing.

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Enzyme Reagent R2

Appearance:	Clear Liquid.
Color:	Colorless.
Odor:	Odorless.
Odor threshold:	Not relevant due to nature of product information identified.
pH:	7.0 to 8.0.
Melting point/freezing point:	Not relevant due to nature of product.
Initial boiling point and boiling range:	Not relevant due to nature of product.
Flash point:	Does not Flash.
Evaporation rate:	No data available.
Flammability (liquids):	Does not sustain Combustion.
Upper/lower flammability or explosive limits:	No information identified.
Vapor pressure:	No information identified.
Vapor density:	No information identified.
Relative density:	No information identified.
Water solubility:	Miscible in water.
Solvent solubility:	No information identified.
Partition Coefficient (n-octanol/water):	No information identified.
Auto-Ignition temperature:	No information identified.
Decomposition temperature:	No information identified.
Viscosity:	No data available.
Explosive properties:	Not Explosive.
Oxidizing properties:	The substance or mixture is not classified as oxidizing.

9.2. Other information

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Molecular weight: Not Applicable, Homogeneous Mixture.

Molecular formula: Not Applicable, Homogeneous Mixture.

Particle Characteristics: Particle size not applicable.

Burning Time: Not relevant due to nature of product.

Burning Rate: Not relevant due to nature of product.

Heat of reaction: Not relevant due to nature of product.

Heat of combustion: Not relevant due to nature of product.

Flow time (ISO 2431): Not relevant due to nature of product.

10. STABILITY AND REACTIVITY

10.1. Reactivity: No specific test data related to reactivity available for this product or its ingredients. No dangerous reaction known under conditions of normal use.

10.2. Chemical Stability: The product is stable when stored as recommended.

10.3 Possibility of hazardous reactions: Not expected to occur.

10.4 Conditions to avoid: No thermal hazard.

Avoid temperatures $\geq 32^{\circ}\text{C}$ to preserve biochemical integrity.

10.5 Incompatible materials: No information identified.

10.6 Hazardous decomposition products: No information identified.

11. TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes**

Acute Toxicity: Not classified based on available information.

Irritation/Skin Corrosion: Not classified based on available information.

Serious Eye damage/Injury: Not classified based on available information.

Sensitization: Not classified based on available information.

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Mutagenicity: Not classified based on available information.

Carcinogenicity: Not classified based on available information.

IARC: No ingredient of this product present at levels greater than or equal to 0.1% w/w is identified as probable, possible or confirmed human carcinogen.

OSHA: No component of this product present at levels greater than or equal to 1% w/w is on OSHA's list of regulated carcinogens.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% w/w is identified as a known or potential carcinogen.

Conclusion Summary:

Reproductive Toxicity: Not available.

Teratogenicity: Not available.

Conclusion Summary:

Specific target organ toxicity (STOT) (single exposure): Not available.

Specific target organ toxicity (multiple exposure): Not available.

Aspiration hazard: Not available.

Potential acute health effects:

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No known significant effects or critical hazards.

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Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Delayed and immediate effects and also 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: Not available.

Conclusion/Summary

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity measurement: Not available.

11.2. Information on other hazards

Endocrine disrupting properties: Not available.

To the best of our knowledge, the chemical, physical and toxicological properties of the mixtures have not been thoroughly investigated.

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12. ECOLOGICAL INFORMATION

12.1. Toxicity: No data available for R1 and R2 mixture.

TRIZMA/TRIS

Toxicity to daphnia and other aquatic invertebrates
48h:

Static test EC50- Daphnia magna (water flea) >100mg/L
(OECD Test Guideline 202).

Toxicity to algae:

Static test NOEC – Pseudokirchneriella subcapitata (green
algae) > 100mg/L 72h (OECD Test Guideline 201).

Remarks – refers to pure substance not mixture.

12.2. Persistence and degradability

Biodegradability Aerobic exposure 28d Results 0% Not
readily biodegradable (OECD Test Guideline 301D).

Remarks: Refers to pure substance data not available for mixture.

12.3. Bio accumulative potential:

Data not available.

12.4. Mobility in soil

Soil/water partition coefficient (K_{oc}).

12.5. Results of PBT a vPvB assessment:

PBT/vPvB assessment not available.

12.6. Endocrine disrupting properties:

No data available.

12.7. Other adverse effects:

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

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. Waste packaging should be recycled. Incineration or landfill should only be considered

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when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residue. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

Transport: Based on available data, this product/mixture is not regulated as a hazardous material/dangerous good under EU ADR/RID US DOT, Canada TDG, IATA or IMDG.

- 14.1. UN Number:** None assigned.
- 14.2. UN Proper Shipping Name:** None assigned, not regulated as a dangerous good.
- 14.3. Transport hazard classes and packaging group:** None assigned, not regulated as a dangerous good.
UNRTDG, IATA_DGR, IMDG-Code: Not regulated as a dangerous good.
- 14.4. Packing Group:** No packing group assigned.
- 14.5. Environmental Hazards:** Not determined for mixture.
- 14.6. Special precautions for users:** Mixture not fully tested – avoid exposure.
- 14.7. Maritime transport in bulk:** Not applicable.
- 14.8. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:** Not applicable.
- 14.9. Domestic regulation**
49 CFR: Not assigned, Not regulated as a dangerous good.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance and mixture**

This SDS complies with the requirements under the US, EU and GHS (EU CLP – Regulation EC No. 1272/2008) guidelines. Consult your local or regional authorities for more information.

REACH – Candidate List of Substances of very High Concern for Authorization (Article 59): Not Applicable.

REACH – List of Substances subject to Authorization (Annex XIV): Not Applicable.

REACH – Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

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preparations and articles (Annex XVII): Not Applicable.

Regulation EC No 1005/2009 on substances that deplete the ozone layer: Not Applicable.

Regulation EC No 850/2004 on persistent organic pollutants: Not Applicable.

Regulation(EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not Applicable.

U.S. Federal regulations TSCA 8(a) CDR Exempt/Partial exemption: Not determined.

United States inventory TSCA 8(b): Not determined.

Clean Air Act Section 112: Not listed.

Hazardous Air pollutants (HAPs)

Clean Air Act

Class I and II Substances:

This product neither contains nor was manufactured with a Class I or Class II ODS as defined by the US Clean Air Act Section 602 (40 CFR 82).

This product does not contain any hazardous air pollutants (HAP) as identified by the US Clean Air Act Section 112 (40 CFR 11).

This product does not contain any chemicals listed under the US Clean Air Act Section 112 for Accidental Release Prevention (40 CFR 68).

This product does not contain any chemicals listed under the US Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60).

Clean Water Act

This product does not contain any Hazardous Substances listed under the US Clean Water Act Section 311.

This product does not contain any toxic pollutants listed under US Clean Water Act Section 307.

This product does not contain any priority pollutants related to the US Clean Water Act.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified application.

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DEA List I Chemicals: Not listed.
Precursor Chemicals: Not listed.
DEA List II Chemicals
Essential Chemicals: Not listed.
SARA 302/304
Composition/information on ingredients: No products were found.
SARA 304RQ: Not applicable.
SARA 311/312
Classification: Not applicable
Composition/information on ingredients: No products were found.

US State Regulations

Massachusetts: None of the components are listed.
Maine: None of the components are listed.
New York: None of the components are listed.
New Jersey: None of the components are listed.
Pennsylvania: None of the components are listed.
California: None of the components are listed.

Canada Inventory: The substances are listed in the DSL and do not meet the criteria of CEPA.

European Inventory: On the C&L inventory of ECHA.

International Regulations

International lists:	Australia inventory (AIIC):	Not determined.
	Brazil:	Not determined.
	China inventory (IECSC):	Not determined.
	Japan inventory:	Not determined.
	Korea inventory:	Not determined.
	Malaysia inventory (EHS Register):	Not determined.
	New Zealand Inventory of Chemicals (NZIoC):	Not determined.
	Philippines inventory (PICCS):	Not determined.
	Taiwan inventory (CSNN):	Not determined.

16. OTHER INFORMATION

Revision #, Date of Effectivity: Refer to the Header of this document (The Effective Date is the same as the

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Key to Abbreviations:

AICC - Australian Inventory of Industrial Chemicals
ACGIH - American Conference of Governmental Industrial Hygienists
ADR/RID - European Agreement Concerning the International Carriage of Dangerous goods by Road/Rail;
AIHA - American Industrial Hygiene Association
ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
C&L Inventory – Classification and Labeling for Substances (Eue
CAS - Chemical Abstracts Service
CEPA - Canadian Environmental Agency
CDR – Chemical Data Reporting
CFR – Code of Federal Regulations
CLP - Classification, Labelling and Packaging of Substances and Mixtures
CSNN – Chemical Substance Nomination and Notification
DEA – Drug Enforcement Administration
DGR – Dangerous Goods Regulations
DNEL - Derived No Effect Level
DOT – Department of Transportation
DSL - Domestic Substances List
ECHA – European Chemicals Agency
EHS – Environmentally Hazardous Substances (Malaysia)
EINECS - European Inventory of Existing Chemical Substances
EU - European Union
GHS - Global Harmonized System of Classification and Labelling of Chemicals
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC - Intermediate Bulk Container
IDLH - Immediately Dangerous to Life or Health
IECSC – Inventory of Existing Chemical Substances (China)
IMDG - International Maritime Dangerous Goods
LOEL - Lowest Observed Effect Level
LOAEL - Lowest Observed Adverse Effect Level
LogPow - logarithm of the octanol/water partition coefficient
MARPOL 73/78 - International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. (Marpol=marine pollution)
NIOSH - National Institute for Occupational Safety and Health
NOEC – No Observed Effect Concentration
NOEL - No Observed Effect Level

SDS – ARK™ Ethyl Glucuronide II Assay (Forensic)

Meets the requirements of Regulation (EC) No. 1907/2006 (REACH), Annex II, with changes introduced by Commission Regulation (EU) 2020/878, and Occupational Safety and Health Administration Standard Number 1910.1200 App D.

NOAEL - No Observed Adverse Effect Level

NTP - National Toxicology Program

NZIoC – New Zealand Inventory of Chemicals

OECD – Organization of Economic Cooperation and Development

ODS – Ozone Depleting Substances

OEL - Occupational Exposure Limit

OSHA - Occupational Safety and Health Administration

PICCS – Philippine Inventory of Chemicals and Chemical Substances

PNEC - Predicted No Effect Concentration

PBT/vPvB – Persistent, Bio-accumulative and Toxic/very Persistent and very Bio-accumulative

REACH – Registration, Evaluation, Authorization and Restriction of Chemicals

SARA - Superfund Amendments and Reauthorization Act

SOCMI – Synthetic Organic Chemical Manufacturing Industry

STEL - Short Term Exposure Limit

TDG - Transportation of Dangerous Goods

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

UN - United Nations

UNRTDG – United Nations Recommendations on the Transport of Dangerous Goods

VOC – Volatile Organic Compounds

WHMIS - Workplace Hazardous Materials Information System

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