SDS Date: May 29, 2023

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** **Pyruvate Dehydrogenase Activity Assay**
**PRODUCT CODES:** **Cat# MA-0166**
**RESTRICTIONS ON USE:** **For laboratory research purposes only. Not for drug or household use.**
**MANUFACTURER:** **AkrivisBio, Inc.**
**ADDRESS:** **48511 Warm Springs Blvd., Suite 213, Fremont, CA 94539**
**EMERGENCY PHONE:** **408-739-9315**
**OTHER CALLS:**
**FAX PHONE:**
**EMAIL:** **sds@akrivisbio.com**

## SECTION 2: HAZARDS IDENTIFICATION

| Component | Description | Volume | Safety Information |
|---|---|---|---|
| Assay Buffer | Proprietary Buffer (contains Tergitol) | 25 ml | See below |
| Substrate Mix | Lyophilizate | 1 vial | No hazards |
| WST-8 Reagent | Lyophilizate (contains NAD and WST-8) | 1 vial | See below |
| NADH Standard | Lyophilizate | 1 vial | No hazards |
| PDH Positive Control | liquid | 10 ul | No hazards |

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Tergitol:**
**Emergency Overview**
**GHS Classification:** Skin irritation (Category 2), H315
Skin sensitization (Sub-category 1A), H317
Short-term (acute) aquatic hazard (Category 1), H400
Long-term (chronic) aquatic hazard (Category 1), H410
**GHS Label elements, including precautionary statements**
**Pictogram:**

**Signal word:** Warning
**Hazard statement(s):** H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.
**Precautionary statement(s):** P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.
P501 Dispose of contents/ container to an approved waste disposalplant
**HMIS Classification**
**Health hazard:** 0
**Chronic health hazard:**
**Flammability:** 0
**Physical hazards**: 0
**NFPA Rating**
**Health hazard:** 0
**Fire:** 0
**Reactivity hazard:** 0
**Potential Health Effects**
**Inhalation:** May be harmful if inhaled. Material is irritating to the tissue of the mucous membranes and upper respiratory tract. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties.
**Skin:** May be harmful if absorbed through skin. May cause an allergic skin reaction.
**Eyes:** Causes eye irritation.
**Ingestion**: Harmful if swallowed.
To the best of our knowledge, the toxicological properties have not been thoroughly investigated

**NAD (Beta-Nicotinamide Adenine Dinucleotide Sodium Salt):**
**Emergency Overview:**
**GHS Classification:** Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
**GHS Label elements, including precautionary statements**
**Pictogram:**

**Signal word:** Warning
**Hazard statement(s):** H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
**Precautionary statement(s):** P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens] if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell

P321 Specific treatment (see on this label).
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

**HMIS Classification**
**Health hazard:** 2
**Flammability:** 0
**Physical hazards:** 0
**NFPA Rating**
**Health Hazard:** 2
**Fire:** 0
**Reactivity Hazard:** 0
**Potential Health Effects**
**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation**.**
**Skin:** Harmful if absorbed through skin. May cause skin irritation**.**
**Eyes:** Cause eye irritation.
**Ingestion:** Harmful if swallowed.

**WST-8:**
**Emergency Overview:**
**GHS Classification:** H314 Causes skin burns and eye damage.
H318 Causes serious eye damage.
**GHS Label elements, including precautionary statements**
**Pictogram:**

**Signal word:** Warning
**Hazard statement(s):** H314 Causes skin burns and eye damage
**Precautionary statement(s):** P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection
If swallowed: Rinse mouth. Do NOT induce vomiting.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens] if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

**HMIS Classification**
**Health hazard:** *3
**Flammability:** 0
**Physical hazards:**
**NFPA Rating**
**Health Hazard:** 3
**Fire:** 0
**Reactivity Hazard:** 0

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS Number | EC.No. | Molecular weight | Chemical Formula | Concentration |
|---|---|---|---|---|---|
| Tergitol | 84133-50-6 | 617-534-0 | -- | -- | ≤0.5% |
| NAD | 20111-18-6 | -- | 685.41 | $C_{21}H_{26}N_7NaO_{14}P_2$ | <90% |
| WST-8 | 193149-74-5 | 693-016-8 | 600.5 | $C_{20}H_{13}N_6O_{11}S_2 \bullet Na$ | <10% |

## SECTION 4: FIRST AID MEASURES

**General advice: :** First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.
**If inhaled**: Move person to fresh air; if effects occur, consult a physician.
**In case of skin contact:** Immediately flush skin with water while removing contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Contaminated leather items such as shoes should be disposed of properly. Safety shower should be located in immediate work area.
**In case of eye contact:** : Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Eye wash fountain should be located in immediate work area.
**If swallowed:** If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
**Note to physician:** Maintain adequate ventilation and oxygenation of the patient. Respiratory symptoms, including pulmonary edema, may be delayed. Persons receiving significant exposure should be observed 24-48 hours for signs of respiratory distress. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient

## SECTION 5: FIRE-FIGHTING MEASURES

**Tergitol:**
**Suitable extinguishing media:** Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.
**Unsuitable Extinguishing Media:** Do not use direct water stream. May spread fire.
**Special hazards arising from the substance or mixture:** During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.
**Advice for firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.
**Further information:** Keep people away. Isolate fire and deny unnecessary entry. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

**NAD (Beta-Nicotinamide Adenine Dinucleotide Sodium Salt):**
**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
**Special protective equipment for fire fighters:** Wear self-contained breathing apparatus for firefighting if necessary.
**Hazardous combustion products:** Hazardous decomposition products formed under fire conditions— see section 10

**WST-8:**
**Suitable extinguishing media:** Use firefighting measures that suit the environment. A solid water stream may be inefficient.
**Special protective equipment for fire fighters:** Wear self-contained breathing apparatus for firefighting if necessary.
**Hazardous combustion products:** No further relevant information available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Tergitol:**
**Personal precautions, protective equipment and emergency procedures:** Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection. Spilled material may cause a slipping hazard. Refer to section 7, Handling, for additional precautionary measures.
**Environmental precautions: :** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.
**Methods and materials for containment and cleaning up:** Contain spilled material if possible. Absorb with materials such as: Sand. Dirt. Collect in suitable and properly labeled containers. Do not use water for cleanup. See Section 13, Disposal Considerations, for additional information.

**NAD (Beta-Nicotinamide Adenine Dinucleotide Sodium Salt):**
**Personal precautions:** Avoid dust formation. Avoid breathing vapors, mist, gas, or dust.
**Environmental precautions:** Do not let product enter drains.
**Methods for cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal

**WST-8:**
**Personal precautions:** Wear protective equipment. Keep unprotected persons away
**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
**Methods for cleaning up:** Use neutralizing agent. Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

## SECTION 7: HANDLING AND STORAGE

**Tergitol:**
**Handling:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Spills of these organic materials on hot fibrous insulations may lead to lowering of the Autoignition temperatures possibly resulting in spontaneous combustion.
**Storage:** No specific requirements. Additional storage and handling information on this product may be obtained by calling your sales or customer service contact. The shelf life given is for unopened containers stored under moderate temperature conditions

**NAD(Beta-Nicotinamide Adenine Dinucleotide Sodium Salt):**
**Precautions for safe handling:** Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
**Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: -20°C.

**WST-8:**
**Precautions for safe handling:** Thorough dedusting.
**Conditions for safe storage:** Keep container tightly closed. Store in accordance with information listed on the product insert.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Tergitol:**
**Control parameters**
Exposure limits are listed below, if they exist.

| Component | Regulation | Type of listing | Value/Notation |
|---|---|---|---|
| Poly(ethylene oxide) | US WEEL | TWA aerosol | 10 mg/m3 |

**Engineering Controls:** Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.
**Personal protective equipment:**
**Respiratory Protection**
Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. In misty atmospheres, use an approved particulate respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.
**Hand protection**
Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber,Chlorinated polyethylene, Polyethylene.
**Eye protection**
Use chemical goggles.
**Skin and body protection**
Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task

**NAD (Beta-Nicotinamide Adenine Dinucleotide Sodium Salt):**
**Personal protective equipment**
**Respiratory protection**
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
**Hand protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
**Eye protection**
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
**Skin and body protection**
Choose body protection in relation to its type, to the concentration and amount of dangerous substance, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
**Hygiene measures**
General industrial hygiene practice

**WST-8:**
**Control parameters**
**Components with limit values that require monitoring at the workplace:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit**.**
**Exposure controls**
**Personal protective equipment**

**Respiratory protection**
For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection**
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

**Skin and body protection**
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Control of environmental exposure**
Do not let product enter drains. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Property | WST-8 | Tergitol | NAD |
|---|---|---|---|
| **Appearance:** | Crystalline solid | Liquid | White solid |
| **pH:** | No data available | 7.2 | No data available |
| **Water Solubility:** | No data available | < 0.5 % | 50 mg/ml |
| **Other Solubility:** | PBS, DMSO | No data available | No data available |
| **Specific Gravity (g/ml):** | No data available | No data available | No data available |
| **Boiling Point (°C):** | No data available | > 200 °C ( > 392 °F) | No data available |
| **Melting Point (°C):** | No data available | No data available | No data available |
| **Flash Point (°C):** | No data available | 218 °C ( 424 °F) ASTM D 93 closed cup | No data available |
| **Ignition Temperature (°C):** | No data available | No data available | No data available |
| **Density** | No data available | 1.027 at 20 °C (68 °F) / 20 °C | No data available |

## SECTION 10: STABILITY AND REACTIVITY

| Property | WST-8 | Tergitol | NAD |
|---|---|---|---|
| **Chemical stability** | Stable under recommended storage conditions | | |
| **Conditions to avoid:** | No data available | Strong heating | No data available |
| **Materials to avoid:** | Strong oxidizing agents | Strong acids, Strong bases, Strong oxidizing agents | Strong oxidising agents |
| **Hazardous decomposition products:** | carbon oxides, hydrogen sulfide, nitrogen oxides | Carbon oxides(fire condition) | No data available |

## SECTION 11: TOXICOLOGICAL INFORMATION

**Tergitol:**
**Acute toxicity:** No data available
**Skin corrosion/irritation:** Mixture causes skin irritation.
**Serious eye damage/eye irritation:** No data available
**Respiratory or skin sensitization:** Mixture may cause an allergic skin reaction.
**Germ cell mutagenicity:** No data available
**Carcinogenicity:**
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
**Reproductive toxicity:** No data available
**Specific target organ toxicity – single exposure (GHS):** No data available
**Specific target organ toxicity – repeated exposure (GHS):** No data available
**Aspiration hazard:** No data available
**Synergistic effects**: No data available
**Additional information:** RTECS: No data available

**NAD (Beta-Nicotinamide Adenine Dinucleotide Sodium Salt):**
**Acute toxicity:** No data available
**Skin corrosion/irritation:** No data available
**Serious eye damage/eye irritation:** No data available
**Respiratory or skin sensitization:** No data available
**Germ cell mutagenicity:** No data available
**Carcinogenicity:**
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
**Reproductive toxicity:** No data available
**Teratogenicity:** No data available
**Specific target organ toxicity – single exposure (GHS):** No data available
**Specific target organ toxicity – repeated exposure (GHS):** No data available
**Aspiration hazard:** No data available
**Potential Health Effects**
**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.
**Skin:** May be harmful if absorbed through skin. May cause skin irritation.
**Eyes:** May cause eye irritation.
**Ingestion:** May be harmful if swallowed.
**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
**Synergistic effects:** No data available
**Additional information:** RTECS: Not available

**WST-8:**
**Acute toxicity:** No data available
**Skin corrosion/irritation:** No data available
**Serious eye damage/eye irritation:** No data available
**Respiratory or skin sensitization:** No data available
**Germ cell mutagenicity:** No data available
**Carcinogenicity:**
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
**Reproductive toxicity:** No data available
**Teratogenicity:** No data available
**Specific target organ toxicity – single exposure (GHS):** No data available
**Specific target organ toxicity – repeated exposure (GHS):** No data available
**Aspiration hazard:** No data available
**Potential Health Effects**
**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.
**Skin:** May be harmful if absorbed through skin. May cause skin irritation.
**Eyes:** May cause eye irritation.
**Ingestion**: Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
**Synergistic effects:** No data available
**Additional information:** RTECS: Not available.

## SECTION 12: ECOLOGICAL INFORMATION

**Tergitol:**
**Toxicity:** No data available
**Persistence and degradability:** Readily biodegradable
**Bioaccumulative potential:** No data available
**Mobility in soil:** No data available
**PBT and vPvB assessment:** No data available
**Other adverse effects:** No data available

**NAD (Beta-Nicotinamide Adenine Dinucleotide, Sodium Salt):**
**Persistence and degradability:** No data available
**Toxicity:** No data available
**Bioaccumulative potential:** No data available
**Mobility in soil:** No data available
**PBT and vPvB assessment:** No data available
**Other adverse effects:** No data available

**WST-8:**
**Persistence and degradability:** No data available
**Toxicity:** No data available
**Bioaccumulative potential:** No data available
**Mobility in soil:** No data available
**PBT and vPvB assessment:** No data available
**Other adverse effects:** No data available
**General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Tergitol:**
**Product:** Waste material must be disposed of in accordance with the national and local regulations. No mixing with other waste.

**NAD (Beta-Nicotinamide Adenine Dinucleotide, Sodium Salt):**
**Product:** Observe all federal, state, and local environmental regulations.
**Contaminated packaging:** Dispose of as unused product.

**WST-8:**
**Product:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system
**Contaminated packaging:** Disposal must be made according to official regulations.

## SECTION 14: TRANSPORT INFORMATION

**Tergitol:**
**DOT (US):** Not dangerous goods
**IMDG:** UN number: 3082 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: Environmentally hazardous substance, liquid.
Marine pollutant : yes
**IATA:** UN number: 3082 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, liquid.

**NAD (Beta-Nicotinamide Adenine Dinucleotide, Sodium Salt):**
**DOT (US):** Not dangerous goods.
**IMDG:** Not dangerous goods.
**IATA:** Not dangerous goods.

**WST-8:**
**DOT (US):** Not dangerous goods.
**IMDG:** Not dangerous goods.
**IATA:** Not dangerous goods.

## SECTION 15: REGULATORY INFORMATION

**SARA 302 Components:** SARA 302: No chemical in this material are subject to the reporting requirements of SARA Title III, Section 302.
**SARA 313 Components:** SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title II, Section 313.
**SARA 311/312 Hazards:** NAD: Acute Health Hazard, Chronic Health Hazard, Tergitol: Acute Health Hazard
**Massachusetts Right To Know Components:** No components are subject to the Massachusetts Right to Know Act.
**Pennsylvania Right To Know Components:** NAD: CAS-No. 20111-18-6
**New Jersey Right To Know Components:** NAD: CAS-No. 20111-18-6
**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**EU regulations:** This product is not classified according to the EU regulations.

| Component | Risk Phrases | Safety Phrases |
|---|---|---|
| Tergitol | -- | -- |
| NAD(Beta-Nicotinamide Adenine Dinucleotide Sodium Salt) | -- | -- |
| WST-8 | -- | -- |

## SECTION 16: OTHER INFORMATION

**DISCLAIMER:**
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. AkrivisBio, Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.