

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION** 

PRODUCT NAME: Free Fatty Acid Assay

PRODUCT CODES: Cat# MA-0111

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

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EMAIL: sds@akrivisbio.com

# **SECTION 2: HAZARDS IDENTIFICATION**

Component	Description	Volume	Safety Information	
Assay Buffer	Proprietary Buffer (contains Tergitol)	25 ml	See below	
ADHP Solution	In DMSO	200 μΙ	See below	
Acyl CoA Synthase	Lyophilized	1 vial	No hazards	
Acyl CoA Oxidase/HRP	Lyophilized	1 vial	No hazards	
Enhancer	Liquid (Contains N-ethylmaleimide)	200 µl	See below	
Palmitic Acid Standard	In DMSO	300 µl	See below	

Classification in accordance with 29 CFR 1910 (OSHA HCS) and Regulation (EC)No.1272/2008.

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

DMSO:

**Emergency Overview** 

OSHA Hazards: Combustible liquid, Target organ effect

Target Organs: Eyes, Skin

GHS Classification: Flammable liquids (Category 4) GHS Label elements, including precautionary statements

Pictogram: none



Signal word: Warning

H227 Combustible liquid Hazard statement(s):

Precautionary statement(s): none

**HMIS Classification** Health hazard: 0

Chronic Health Hazard: \* Flammability: 2 Physical hazards: 0

**NFPA Rating** 

Health hazard: 0

Fire: 2

Reactivity Hazard: 0 **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.

Aggravated Medical Condition: Avoid contact w/DMSO solutions containing toxic materials or materials with unknown toxicological properties. DMSO is readily absorbed through skin and may carry such materials into the body.

#### N-Ethylmaleimide:

**Emergency Overview** 

OSHA Hazards: Highly toxic by ingestion, Toxic by skin absorption, Skin sensitizer, Corrosive

GHS Classification: Acute toxicity, Oral (Category 2)

Acute toxicity, Dermal (Category 3) Skin corrosion (Category 1B) Serious eye damage (Category 1) Skin sensitization (Category 1)

GHS Label elements, including precautionary statements

Pictogram:





Signal word: Hazard statement(s):

H300 Fatal if swallowed.

311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.

Precautionary statement(s): P260 Do not breathe dust or mist.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin

with water/ shower.

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 lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P322 Specific measures (see supplemental first aid instructions on this label). P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P361 Remove/Take off immediately all contaminated clothing.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

**HMIS Classification** 

Health hazard: 3 Flammability: 2 Physical hazards: 1

NFPA Rating

Health Hazard: 3

Fire: 2

Reactivity Hazard: 1

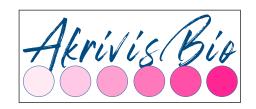
# **Potential Health Effects**

Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin: Toxic if absorbed through skin. Causes skin burns.

Eyes: Causes eye burns.

Ingestion: May be fatal if swallowed.



Component	CAS Number	EC-No.	MW	Chemical Formula	Concentration
DMSO	67-68-5	200-664-3	78.13	C₂H <sub>6</sub> OS	<99%
Tergitol	84133-50-6	617-534-0			≤0.5%
N-Ethylmaleimide	128-53-0	204-892-4	125.13	C <sub>6</sub> H <sub>7</sub> NO <sub>2</sub>	<2%

## **SECTION 4: FIRST AID MEASURES**

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## **SECTION 5: FIRE-FIGHTING MEASURES**

#### **Tergitol:**

Condition of flammability: Not flammable or combustible.

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 combustion products formed under fire conditions— no data available.

#### DMSO:

Suitable extinguishing media: For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous combustion products: Hazardous combustion products formed under fire conditions – no data available.

Further information: Use water spray to cool unopened containers.

#### N-Ethylmaleimide:

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture Carbon oxides, Nitrogen oxides (NOx) Carbon oxides, Nitrogen oxides (NOx)

Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods for cleaning up:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## **SECTION 7: HANDLING AND STORAGE**

#### Precautions for safe handling

Avoid inhalation of vapor or mist. Avoid contact with skin and eyes.

#### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: -20 °C

#### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Tergitol:**

## **Control parameters**

Exposure limits are listed below, if they exist.

Exposure infine are noted below, in 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, Chlorin ated 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

#### DMSO:

Components	CAS-No.	Value	Control parameters	Basis
Dimethyl sulfoxide	67-68-5	TWA	250 ppm	USA. Workplace Environmental Exposure Levels (WEEL)

## Personal protective equipment

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. 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

Tightly fitting safety goggles. Face shield (8-inch minimum). 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.

## Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### N-Ethylmaleimide:

## **Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### Personal protective equipment

#### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin 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.

## 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.

## Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Property	Tergitol	DMSO	N-Ethylmaleimide
Appearance:	Liquid	Clear liquid	Crystalline
pH:	7.2	No data available	No data available
Water Solubility:	< 0.5 %	Completely miscible	No data available
Other Solubility:	No data available	No data available	No data available
Boiling Point (°C):	No data available	189 °C (372 °F)	210 °C (410 °F)
Melting Point (°C):	> 200 °C ( > 392 °F)	16-19 °C (61-66 °F)	43-46 °C (109-115 °F)
Flash Point (°C):	218 °C ( 424 °F) ASTM D 93 closed cup	87 °C (189 °F)	73 °C (163 °F)
Ignition Temperature (°C):	No data available	301 °C (574 °F)	No data available
Density:	1.027 at 20 °C (68 °F) / 20 °C	1.1 g/ml	No data available

# **SECTION 10: STABILITY AND REACTIVITY**

Property	Tergitol	DMSO	N-Ethylmaleimide
Chemical stability:	Stable under recommended storage conditions		
Conditions to avoid:	Strong heating	Heat, Flames, Sparks	No data available



Materials to avoid:	Strong acids, Strong bases, Strong oxidizing agents	Acid chlorides, Phosphorus halides, Strong acids, Strong oxidizing agents, Strong reducing agents	Strong oxidizing agents, strong acids, strong bases
Hazardous decomposition products:	Carbon oxides(fire condition)	Carbon oxides, sulfur oxides	Carbon oxides, nitrogen oxides

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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

DMSO:

Acute toxicity: LD50 Oral – rat – 14,500 mg/kg LC50 Inhalation - rat - 4 h - 40250 ppm LD50 Dermal - rabbit - >5,000 mg/kg

Skin corrosion/irritation: Skin - rabbit - no skin irritation - 4h Serious eye damage/eye irritation: Eyes – rabbit – mild eye irritation

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: Genotoxicity in vitro - mouse - lymphocyte: Cytogenetic analysis

Genotoxicity in vitro - mouse - lymphocyte: Mutation in mammalian somatic cells

Genotoxicity in vivo - rat - Intraperitoneal: Cytogenetic analysis Genotoxicity in vivo - mouse - Intraperitoneal: DNA damage

Carcinogenicity: Carcinogenicity - rat - Oral → Tumorigenic: equivocal tumorigenic agent by RTECS criteria. Skin and appendages: other:

Carcinogenicity - mouse - Oral → Tumorigenic: equivocal tumorigenic agent by RTECS criteria. Leukemia skin and appendages: other:

tumors.

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: Reproductive toxicity - rat - Intraperitoneal → Effects on fertility: abortion

Reproductive toxicity - rat - Intraperitoneal → Effects on fertility: post-implantation mortality (e.g. dead and/or resorbed implants per total number of implants)

Reproductive toxicity - rat - Subcutaneous → Effects on fertility: post-implantation mortality (e.g. dead and/or resorbed implants per total number of implants). Effects on fertility: litter size (e.g. # fetuses per litter; measured before birth)

Reproductive toxicity – mouse – Oral→ Effects on fertility: post-implantation mortality (e.g. reduction in number of implants per female; total number of implants per corpora lutea). Effects on embryo/fetus: Fetotoxicity (except death, e.g. stunted fetus). Specific developmental abnormalities: musculoskeletal system.

Teratogenicity: Developmental toxicity – mouse – Intraperitoneal: Effects on embryo/fetus: Fetotoxicity (except death, e.g. stunted fetus). Specific developmental abnormalities: musculoskeletal system

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.

Aggravated Medical Condition: Avoid contact w/DMSO solutions containing toxic materials or materials with unknown toxicological properties. DMSO is readily absorbed through skin and may carry such materials into the body.

Signs and Symptoms of Exposure: Effects due to ingestion may include: nausea, fatigue, and/or headache.

Additional information: RTECS: PV6210000



N-Ethylmaleimide:

Acute toxicity: LD50 Oral − rat − 25 mg/kg → Remarks: Behavioral: Somnolence (general depressed activity). Behavioral: Convulsions or

effect on seizure threshold.

LD50 Dermal – guinea pig – 500 mg/kg **Skin corrosion/irritation:** no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: May cause sensitization by skin contact.

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

**Potential Health Effects** 

Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory

tract.

Skin: Toxic if absorbed through skin. Causes skin burns.

Eyes: Causes eye burns.

Ingestion: May be fatal 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: UX9625000

## **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

DMSO:

Elimination information (persistence and degradability): no data available

Ecotoxicity effects: Toxicity to fish: LC50 - Pimephales promelas (fathead minnow) - 34,000 mg/l - 96 h

LC50 - Oncorhynchus mykiss (rainbow trout) - 35,000 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia pulex (Water flea) - 27,500 mg/l

Toxicity to algae: EC50 - Lepomis macrochirus (Bluegill) - > 400,000 mg/l - 96 h

Further information on ecology: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

**Product:** Observe all federal, state, and local environmental regulations.

Contaminated packaging: Dispose of as unused product.

#### **SECTION 14: TRANSPORT INFORMATION**

**Tergitol:** 

DOT (US): Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods

OMSO:

DOT (US): UN-Number: 1993 Class: CBL Packing group: III; Proper shipping name: Combustible liquid, n.o.s. (Dimethyl sulfoxide); Marine

pollutant: No; Poison Inhalation Hazard: No

**IMDG:** Not dangerous goods. **IATA:** Not dangerous goods.

N-Ethylmaleimide:

DOT (US): UN-number: 2928, Class: 6.1 (8), Packing group: II; Proper shipping name: Toxic solids, corrosive, organic, n.o.s. (N-

Ethylmaleimide); Marine pollutant: No; Poison inhalation hazard: No

IMDG: UN-number: 2928, Class: 6.1 (8), Packing group: II; EMS-No: F-A, S-B; Proper shipping name: TOXIC SOLID, CORROSIVE,

ORGANIC, N.O.S. (N-Ethylmaleimide); Marine pollutant: No

IATA: UN-number: 2928, Class: 6.1 (8), Packing group: II; Proper shipping name: Toxic solid, corrosive, organic, n.o.s. (N-Ethylmaleimide)

## **SECTION 15: REGULATORY INFORMATION**



**OSHA Hazards:** Combustible liquid, Target organ effect <u>N-Ethylmaleimide</u>: Highly toxic by ingestion, Toxic by skin absorption, Skin sensitizer, Corrosive

**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:** Fire Hazard, Chronic Health Hazard, Acute Health Hazard **Massachusetts Right To Know Components:** N-Ethylmaleimide, CAS-No. 128-53-0

Pennsylvania Right To Know Components: Dimethyl sulfoxide CAS-No. 67-68-5; Revision Date: 2007-03-01; N-Ethylmaleimide, CAS-No. 128-53-0

New Jersey Right To Know Components: <u>Dimethyl sulfoxide</u> CAS-No. 67-68-5; Revision Date: 2007-03-01; <u>N-Ethylmaleimide</u>, CAS-No. 128-53-0

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

Component	Risk Phrases	Safety Phrases
DMSO	R10, R36/37/38	S24/25, S36/37/39, S45
Tergitol	R38	S36/37/39
N-Ethylmaleimide	R21, R28, R34, R43	S26, S28, S36/37/39, S45

#### **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.