



KEY SCIENTIFIC PRODUCTS  
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STAMFORD, TEXAS 79553  
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## Safety Data Sheet

### 1 Identification

#### GHS Product Identifier

Product Name: **Dropit Nitrate A**  
Catalog Number: **K980480**

#### Recommended use of the chemical and restriction on use

For invitro diagnostic use only by trained professionals.

#### Supplier's details

KEY SCIENTIFIC PRODUCTS, INC  
1113 E REYNOLDS  
STAMFORD, TX 79553

Telephone: 800-843-1539  
325-773-3918

### 2 Hazard(s) identification

#### Classification of the substance or mixture

#### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin corrosion (Category 1A) H314  
Skin irritation (Category 2), H315  
Skin sensitization (Category 1) H317  
Serious eye damage (Category 1), H318  
Eye irritation (Category 2A), H319  
Flammable liquids (Category 3) H226  
Short-term (acute) aquatic hazard (Category 3) H402

#### GHS label elements

Danger



Flammable liquid and vapour

Causes severe skin burns and eye damage

Causes skin irritation

May cause an allergic skin reaction

Causes serious eye damage

Causes serious eye irritation

Harmful to aquatic life

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

Immediately call a POISON CENTER or doctor/physician.

Take off contaminated clothing and wash before reuse.

Wash contaminated clothing before reuse.

Store locked up.

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

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of water/soap and water

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Store in a well-ventilated place. Keep cool.

#### **Other hazards which do not result in classification**

None.

### **3 Composition/information on ingredients**

Description	CAS Number	EINECS Number	%	Note
Glacial acetic acid	64-19-7	200-580-7	0.01 - 0.02	
4-Aminobenzenesulfonic acid	121-57-3	204-482-5	0.01 - 0.02	

### **4 First-aid measures**

#### **Description of necessary first-aid measures**

**EYES:** Remove contact lenses. Rinse thoroughly with water for at least 15 minutes and consult a physician.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Inhalation:** If breathed in, move person into fresh air. Consult a physician.

**Skin:** Wash with plenty of soap and water. Remove contaminated clothing.

## 5 Fire-fighting measures

### Suitable extinguishing media

Dry powder, dry Sand, CO2 dry powder. Do NOT use water jet.

### Specific hazards arising from the chemical

Carbon oxides, Nitrogen oxides, Sulfur oxides, Combustible  
Vapors are heavier than air and may spread along floors.

### Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Wear lab coat, gloves, and safety glasses. Avoid dust formation. Avoid breathing vapors, mist, or gas.

Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

### Environmental precautions

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

### Methods and materials for containment and cleaning up

Sweep up and shovel without creating dust. Contain in suitable, closed container for disposal.

## 7 Handling and storage

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid dust and aerosol formation. Ensure adequate ventilation. Avoid inhalation of vapor or mist. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

### Conditions for safe storage, including any incompatibilities

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

## 8 Exposure controls/personal protection

### Control parameters

#### USA.ACGIH Theshold Limit Values (TLV)

acetic acid

CAS# 64-19-7

STEL 15 ppm

### Appropriate engineering controls

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

### Individual protection measures

#### Eye/face 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 (EU).

<b>Skin protection:</b>	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.
<b>Body Protection:</b>	Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Respiratory protection:</b>	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).

## 9 Physical and chemical properties

### Physical and chemical properties

<b>Appearance:</b>	<b>Form:</b> liquid <b>Color:</b> colorless
<b>Odor:</b>	No data available
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Melting point/freezing point:</b>	Melting point/range: >300 C (>572 F)
<b>Melting point:</b>	No data available
<b>Flash point:</b>	39 C (48 F) - closed cup
<b>Evaporation rate:</b>	No data available
<b>Flammability:</b>	No data available
<b>Upper/lower flammability/explosion limits:</b>	Upper explosion limit: 19.9% (V) Lower explosion limit: 4% (V)
<b>Vapor pressure:</b>	20.79 hPa at 25 C (77F)
<b>Vapor density:</b>	No data available
<b>Relative density:</b>	No data available
<b>Water solubility:</b>	No data available
<b>Partition coefficient (n-octal/water):</b>	No data available
<b>Auto-ignition temperature:</b>	463 C (865F)

**Decomposition temperature:** No data available

**Viscosity:** No data available

**Explosive properties:** No data available

**Other safety information**

**Solubility in other solvents:** No data available

**Surface tension:** No data available

**Relative vapor density:** No data available

## 10 Stability and reactivity

### Reactivity

Vapor/air-mixtures are explosive at intense warming.

### Chemical stability

Stable under recommended storage conditions

### Possibility of hazardous reactions

Vapors may form explosive mixture with air.

### Conditions to avoid

Heat, flames, and sparks.

### Incompatible materials

No data available

### Hazardous decomposition products

Other decomposition products: No data available

In the event of fire: see section 5

## 11 Toxicological information

### Toxicological (health) effects

#### Acute toxicity

LD50 Oral - Rat - > 3310 mg/kg

#### Inhalation

No data available

#### Dermal

No data available

No data available

#### Skin corrosion/irritation

Skin - Rabbit: Severe skin irritation - 24 h

#### Serious eye damage

Eyes - Rabbit - Severe eye irritation

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

Result: negative

**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.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as 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.

**Reproduction toxicity**

No data available

**Developmental Toxicity**

No data available

**Specific target organ-single exposure**

No data available

**Specific target organ-repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional information**

RTECS: WP3895500

irritant effects

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

Stomach - Irregularities - Based on Human Evidence

Kidney - Irregularities - Based on Human Evidence

## 12 Ecological information

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**13 Disposal considerations**

**Disposal methods**

**Product**

Contact a licensed professional waste disposal service to dispose of this material.  
Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

**14 Transport information**

**UN Number**

**DOT (US)**

UN number: 2789      Class: 3      Packing group: II  
Proper shipping name: acetic acid  
Reportable Quantity: 5000 lbs  
Posion Inhalation Hazard: No

**IMDG**

UN number: 2789      Class: 3      Packing group: II      EMS-No: F-E, S-C  
Proper shipping name: acetic acid

**IATA**

UN number: 2789      Class: 3      Packing group: II  
Proper shipping name: acetic acid

**15 Regulatory information**

**Safety, health and environmental regulations specific for the product in question**

**SARA 302 Components**

No chemicals in the material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimus) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

No SARA Hazards

**Massachusetts Right To Know Components**

acetic acid	CAS-No. 64-19-7	Revision Date
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**Pennsylvania Right To Know Components**

acetic acid	CAS-No. 64-19-7	Revision Date
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**New Jersey Right To Know Components**

acetic acid	CAS-No. 64-19-7	Revision Date
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**Maine Right To Know Components**

acetic acid	CAS-No. 64-19-7	Revision Date
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**Vermont Right To Know Components**

acetic acid	CAS-No. 64-19-7	Revision Date
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**Washington Right To Know Components**

acetic acid	CAS-No. 64-19-7	Revision Date
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**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.

## 16 Other information

### Other information

#### Further Information

The above information, to the best of our knowledge, is accurate. Key Scientific Products assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of materials is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.