

# NuRevolution

22522 Franz Road, Bldg. 10  
 Katy, TX 77449



## SECTION 1: IDENTIFICATION

**Product Name:**

Activator

**Company:**

NuRevolution  
 22522 Franz Road, Bldg. 10  
 Katy, TX 77449

**Contact Information:**

Phone: 888-663-5519  
 E-mail: sales@nurevolutioninc.com  
 Web: www.nurevolutioninc.com

## SECTION 2: HAZARD(S) IDENTIFICATION

**Classification of the substance or mixture**

According to Regulation (EC) No1272/2008  
 Flammable liquids (Category 2)  
 Eye irritation (Category 2)  
 Specific target organ toxicity - single exposure (Category 3)

According to European Directive 67/548/EEC as amended.  
 Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness.

**Label Elements**

Hazard Pictogram



Signal Word

Danger

Hazard statement(s)

H225 Highly flammable liquid and vapor.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## Hazard(s) Symbol(s)

F High Flammable  
Xi Irritant

## R-phrases(s)

R11 Highly Flammable.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapors may cause drowsiness and dizziness.

## S-phrases(s)

S16 Keep away from sources of ignition - No smoking.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Other Hazards None

## SECTION 3: COMPOSITION/ INGREDIENTS INFORMATION

Chemical Name	CAS-No.	EC-No.	INCI Name	Weight Rate (%)
2-Propanone	67-64-1	200-662-2	2-Propanone	65.50
Acetic Acid Ethyl Ester	141-78-6	205-500-4	Acetic Acid Ethyl Ester	34.50

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: FIRST AID MEASURES

### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

### 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

DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## SECTION 5: FIRE-FIGHTING MEASURES

### 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 Fire Fighters

Wear self-contained breathing apparatus for firefighting if necessary.

### Further Information

Use water spray to cool unopened containers.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### MEASURES Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low 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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

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

Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

### Conditions for safe storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

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### Personal Protection 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

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Handle with gloves.

#### Eye Protection

Face shield and safety glasses

#### Skin and Body Protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### Hygiene Measures

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

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## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

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### Appearance

Form	Clear, Liquid
Color	Colorless

### Safety Data

pH	No Data Available
Melting Point	-94 °C - lit.
Boiling Point	56 °C at 1.013 hPa - lit.
Flash Point	-17,0 °C - closed cup
Ignition Temperature	465 °C
Lower Explosion Limit	2 %(V)
Upper Explosion Limit	13 %(V)

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Vapor Pressure 533,3 hPa at 39,5 °C

Density 0.902 g/mL at 25 °C

Water Solubility Soluble

Partition Coefficient: log Pow: -0,24

## SECTION 10: STABILITY & REACTIVITY

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### Chemical Stability

Stable under recommended storage conditions.

### Condition to Avoid

Heat, flames and sparks.

### Materials to Avoid

Strong oxidizing agents

### Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

## SECTION 11: TOXICOLOGICAL INFORMATION

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### Acute Toxicity

None

### 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

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## Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% identified as probable, possible or confirmed human carcinogen by IARC

## Reproductive Toxicity

No data available

## Specific Target Organ Toxicity - Single Exposure

May cause damage to organs.

## Specific Target Organ Toxicity - Repeated Exposure

No data available

## Aspiration Hazard

No data available

## Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Vapors may cause drowsiness and dizziness.

## Ingestion

May be harmful if swallowed.

## Skin

May be harmful if absorbed through skin. May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

## Eyes

Causes eye irritation.

## Signs and Symptoms of Exposure

Central nervous system depression, Drowsiness, narcosis, anemia

## Additional Information

RTECS: AH5425000

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## SECTION 12: ECOLOGICAL INFORMATION

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### Toxicity

No data available

### Persistence and Degradability

No data available

### Bio accumulative Potential

No data available

### Mobility in Soil

No data available

### PBT and vPvB Assessment

No data available

### Other Adverse Effects

No data available

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## SECTION 13: DISPOSAL CONSIDERATION

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### Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting, as this material is highly flammable. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### Contaminated Packaging

Dispose of as unused product.

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## SECTION 14: TRANSPORTATION INFORMATION

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### ADR/RID

UN-Number: 1173

Class: 3

Packing group: II

Proper shipping name: ACETONE

### IMDG

UN-Number: 1173

Class: 3

Packing group: II

EMS-No: F-E, S-D

Proper shipping name: ACETONE

Marine pollutant: No

## IATA

UN-Number: 1173

Class: 3

Packing group: II

Proper shipping name: ACETONE

## SECTION 15: REGULATORY CONSIDERATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## SECTION 16: OTHER INFORMATION

### Text of H-code(s) and R-phrase(s) mentioned in Section 3

EUH066	Repeated exposure may cause skin dryness or cracking.
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
H225	Highly flammable liquid and vapor.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
STOT SE	Specific target organ toxicity - single exposure
F	Highly flammable
Xi	Irritant
R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapors may cause drowsiness and dizziness.

### Further Information

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