

# Safety Data Sheet Cyanoacrylate Accelerator



SDS Revision Date:

01/17/ 2018

International Corporation

## 1. Identification

### 1.1. Product identifier

**Product Identity** CYANOACRYLATE ACCELERATOR  
**Alternate Names** Part Numbers: 46218, 46255

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Cyanoacrylate Cure Accelerator  
**Application Method** See Technical Data Sheet.

### 1.3. Details of the supplier of the safety data sheet

**Company Name** SAF-T-LOK International Corporation  
300 EISENHOWER LANE NORTH  
LOMBARD, IL 60148

### Emergency

**CHEMTREC (USA)** (800) 424-9300  
**24 hour Emergency Telephone No.** (703) 527-3887  
**Customer Service: SAF-T-LOK International Corporation** (630) 495-2001

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Acute Tox. 5;H303	May be harmful if swallowed. (Not adopted by US OSHA)
Acute Tox. 4;H332	Harmful if inhaled.
Eye Irrit. 2;H319	Causes serious eye irritation.
STOT SE 3;H336	May cause drowsiness or dizziness.
STOT RE 2;H373	May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (Not Available)

### 2.2. Label elements



**Danger**

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H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H303 May be harmful if swallowed.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness and dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
Pressurized container: May burst if heated.

**[Prevention]:**

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P314 Get Medical advice / attention if you feel unwell.  
P337+313 If eye irritation persists: Get medical advice / attention.

**[Storage]:**

P403+233 Store in a well ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 °F.

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

**3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Acetone CAS Number: 0000067-64-1	75 - 100	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	[1][2]

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<b>N, N, dimethyl-P-Toluidine</b> CAS Number: 0000099-97-8	1 - 5	Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 3;H301 STOT RE 2;H373 Aquatic Chronic 3;H412	[1]
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In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Overview</b>	Relative routes of entry: Skin, Inhalation, Eyes Skin Contact: Irritating to skin. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis. Eye Contact: Vapors may irritate eyes. Contact with eyes will cause redness and irritation. Respiratory/ Inhalation: May cause respiratory tract irritation. Symptoms of excessive exposure are Dizziness, Headache, Nausea, Fatigue, Drowsiness, and Impaired co-ordination. Ingestion: Amounts transferred to mouth by fingers, etc, during normal operation should not cause injury. Moderately toxic. Medical conditions generally aggravated by exposure: Eye, skin, and respiratory disorders. See section 2 for further details.
<b>Inhalation</b>	Harmful if inhaled. May cause drowsiness or dizziness.
<b>Eyes</b>	Causes serious eye irritation.
<b>Ingestion</b>	May be harmful if swallowed.

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## 5. Fire-fighting measures

### 5.1. Extinguishing media

Carbon Dioxide, Foam, Dry Chemicals.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: May produce fumes when heated to decomposition. Fumes may contain carbon monoxide.

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

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

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

### 5.3. Advice for fire-fighters

Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.

Wear self-contained breathing apparatus and full protective clothing.

**ERG Guide No.**            127

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Clean up area with absorbent material. Store in a closed container until disposal.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors and mist.. Wash hands thoroughly at mealtime

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and end of shift. Keep area ventilated – do not smoke.

Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift. Wear personal protective equipment as outlined in Section 8 of this SDS.

See section 2 for further details. - [Prevention]:

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool location (60-90°F) in a well ventilated area away from sources of heat or other sources of ignition in eyes.

Incompatible materials: Strong oxidizing agents.

See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

None noted

**8. Exposure controls and personal protection**

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0000067-64-1	Acetone	OSHA	TWA 1000 ppm (2400 mg/m <sup>3</sup> ) STEL 2400 mg/m <sup>3</sup>
		ACGIH	TWA: 500 ppm STEL: 750 ppm
		NIOSH	250 ppm (590 mg/m <sup>3</sup> ) TWA
		Supplier	No Established Limit
0000099-97-8	N, N, dimethyl-P-Toluidine	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

**8.2. Exposure controls**

**Respiratory**

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes**

Safety glasses with side shields.

**Skin**

Wear overalls to keep skin contact to a minimum. Use impermeable gloves (neoprene, butyl rubber, natural rubber), as necessary to avoid skin contact, as well as proper clothing or plastic apron. Wash hands before eating, drinking, or using restroom.

**Engineering Controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices**

Eye wash stations should be located within 100 feet or 10 second walk of the work area. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

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**9. Physical and chemical properties**

<b>Appearance</b>	Amber
<b>Odor</b>	Not Provided.
<b>Odor threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Melting point / freezing point</b>	N/A
<b>Initial boiling point and boiling range</b>	133°F
<b>Flash Point</b>	-0°F (SCC)
<b>Evaporation rate (Ether = 1)</b>	Not determined
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not determined <b>Upper Explosive Limit:</b> Not determined
<b>Vapor pressure (Pa)</b>	(mm Hg.): 185
<b>Vapor Density</b>	(Air = 1):2.0
<b>Specific Gravity</b>	0.79
<b>Solubility in Water</b>	Partial
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>VOC Content</b>	Not Measured
<b>% Solid</b>	Not Measured

**9.2. Other information**

No other relevant information.

**10. Stability and reactivity**

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

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Strong oxidizing agents.

**10.5. Incompatible materials**

Strong oxidizing agents.

**10.6. Hazardous decomposition products**

May produce fumes when heated to decomposition. Fumes may contain carbon monoxide.

**11. Toxicological information**

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Acetone - (67-64-1)	5,800.00, Rat - Category: NA	7,426.00, Guinea Pig - Category: NA	76.00, Rat - Category: NA	50.10, Rat - Category: NA	No data available
N, N, dimethyl-P-Toluidine - (99-97-8)	139.00, Mouse - Category: 3	300.00, Point Estimate - Category: 3	No data available	No data available	No data available

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0000067-64-1	Acetone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000099-97-8	N, N, dimethyl-P-Toluidine	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	5	May be harmful if swallowed. (Not adopted by US OSHA)
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	4	Harmful if inhaled.
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable

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Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

**12. Ecological information**

**12.1. Toxicity**

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Acetone - (67-64-1)	100.00, Pimephales promelas	10.00, Daphnia magna	20.565 (72 hr), Ulva pertusa
N, N, dialkyltoluidines - (99-97-8)	52.80, Pimephales promelas	15.259, Daphnia magna	22.00 (72 hr), Chlorella pyrenoidosa

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**

No data available.

**13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.



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**14. Transport information**

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	UN 1090	UN1090	UN1090
<b>14.2. UN proper shipping name</b>	UN1090, Acetone, 3, II	Acetone	Acetone
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class: 3</b>	<b>IMDG: 3</b> <b>Sub Class: Not Applicable</b>	<b>Air Class: 3</b>
<b>14.4. Packing group</b>	II	II	II
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>14.6. Special precautions for user</b>	No further information		
Exceptions: Consumer Commodity ORM-D (Not more than 1 liter)			

**15. Regulatory information**

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act (TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	D2B
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> No <b>Immediate (Acute):</b> Yes <b>Delayed (Chronic):</b> Yes

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

N, N, Dimethyl-P-Toluidine

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

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To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

<b>16. Other information</b>
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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H336 May cause drowsiness and dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

The information on this material safety data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.

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