

## Safety Data Sheet – PROCURE PC760

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Procure Cyanoacrylate Activator PC760

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

##### Identified uses

Industrial use.

#### 1.3. Details of the supplier of the substance or mixture

##### Address:

Bay 2, Building 62,  
Third Avenue  
Pensnett Trading Estate  
Kingswinford  
West Midlands  
DY6 7XT  
United Kingdom

#### 1.4. Emergency telephone number

Emergency telephone (+44) 01384 294 753 (Hours 09:00 - 17:00 Mon to Fri)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

##### Indication of danger

Highly flammable.  
Harmful.

#### 2.2. Label elements

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

##### Symbols

F Highly flammable.

##### PROCURE PC760 ACTIVATOR

Xn Harmful.

##### Contains:

N,N-Dimethyl-p-toluidine

**Risk phrases**

- R11 Highly flammable.
- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R36 Irritating to eyes.
- R33 Danger of cumulative effects.
- R66 Repeated exposure may cause skin dryness or cracking.

**Safety phrases**

- S16 Keep away from sources of ignition - No Smoking.
- S23A Do not breathe vapour.
- S36/37 Wear suitable protective clothing and gloves.

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Acetone	67-64-1	EINECS 200-662-2	95 - 99	F:R11; Xi:R36; R66; R67 (EU)  Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 (CLP)
N,N-Dimethyl-p-toluidine	99-97-8	EINECS 202-805-4	1 - 5	T:R23-24-25; R33; R52/53 - Nota C (EU)  Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; STOT RE 2, H373; Aquatic Chronic 3, H412 - Nota C (CLP)

Please see section 16 for the full text of any R phrases and H statements referred to in this section Please refer to section 15 for the any applicable notes that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this MSDS

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Eye contact**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

**Skin contact**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

**Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

**If swallowed**

Rinse mouth. If you feel unwell, get medical attention.

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

See Section 11.1 Information on toxicological effects

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**SECTION 5: Fire-fighting measures**

**5.1. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for flammable liquids or gases such as dry chemical or carbon dioxide.

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

Closed containers exposed to heat from fire may build pressure and explode.

**Hazardous Decomposition or By-Products**

Substance

Carbon monoxide.

Carbon dioxide.

Condition

During combustion.

During combustion.

**5.3. Advice for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

**SECTION 6: Accidental release measures**

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

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Eliminate all ignition sources if safe to do so. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

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

Contain spill. Cover spill area with a fire -extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR-AFFF type foam is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with detergent and water. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

**6.4. Reference to other sections Refer to Section 8 and Section 13 for more information**

**SECTION 8: Handling & Storage**

**7.1. Precautions for safe handling**

For industrial or professional use only. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. Vapours may

travel long distances along the ground or floor to an ignition source and flash back.

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

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from acids. Store away from oxidising agents.

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

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limits**

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Acetone	67-64-1	Health and Safety Comm. (UK)	TWA:1210 mg/m <sup>3</sup> (500 ppm);STEL:3620 mg/m <sup>3</sup> (1500 ppm)	

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m<sup>3</sup>: milligrams per cubic

metre CEIL: Ceiling

**8.2. Exposure controls**

**8.2.1. Engineering controls**

Use explosion-proof ventilation equipment. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

**8.2.2. Personal protective equipment (PPE)**

**Eye/face protection**

Wear eye/face protection.

The following eye protection(s) are recommended: Safety glasses with side shields.

Indirect vented goggles.

**Skin/hand protection**

Wear protective gloves.

Gloves made from the following material(s) are recommended: Butyl rubber. Polyethylene

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half face piece or full face air-purifying respirator with organic vapour cartridges.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid.
<b>Appearance/Odour</b>	Clear liquid, solvent odour.
<b>pH</b>	<i>Not applicable.</i>
<b>Boiling point/boiling range</b>	55 °C
<b>Melting point</b>	<i>Not applicable.</i>
<b>Flammability (solid, gas)</b>	Flammable Liquid: Category 2.
<b>Explosive properties</b>	Not classified
<b>Oxidising properties</b>	Not classified
<b>Flash point</b>	-17.8 °C [ <i>Test Method:Closed Cup</i> ]
<b>Autoignition temperature</b>	>=400 °C
<b>Flammable Limits(LEL)</b>	2.5 % volume
<b>Flammable Limits(UEL)</b>	13 % volume
<b>Vapour pressure</b>	<=23,998 Pa [ <i>@ 20 °C</i> ]
<b>Relative density</b>	0.8 [ <i>Ref Std:WATER=1</i> ]
<b>Water solubility</b>	Appreciable
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Evaporation rate</b>	<i>No data available.</i>
<b>Vapour density</b>	<i>No data available.</i>
<b>Viscosity</b>	<=0.001 Pa-s [ <i>@ 23 °C</i> ]
<b>Density</b>	0.8 g/ml

**9.2. Other information**

<b>Hazardous air pollutants</b>	0 % weight
<b>Volatile organic compounds (VOC)</b>	100 %
<b>Percent volatile</b>	100 %
<b>VOC less H2O &amp; exempt solvents</b>	<i>No data available.</i>

<b>SECTION 10: Stability and reactivity</b>
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**10.1 Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

**10.2 Chemical stability**

Stable.

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation will not occur.

**10.4 Conditions to avoid**

Heat.  
Sparks and/or flames.

**10.5 Incompatible materials**

Strong acids.  
Strong oxidising agents.

**10.6 Hazardous decomposition products**

<u>Substance</u>	<u>Condition</u>
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Unknown

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1 Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Eye contact

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

#### Skin contact

Dermal Defatting: Signs/symptoms may include localised redness, itching, drying and cracking of skin.

#### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

#### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause target organ effects after ingestion.

#### Target Organ Effects:

Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

#### Toxicological Data

##### Acute Toxicity

Name	Route	Species	Value	UN GHS Classification
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg	Not classified (0% unknown)
Acetone	Dermal	Rabbit	LD50 > 15,688 mg/kg	Not classified
Acetone	Inhalation-Vapor (4 hours)	Rat	LC50 76 mg/l	Not classified
Acetone	Ingestion	Rat	LD50 5,800 mg/kg	Not classified
N,N-Dimethyl-p-toluidine	Dermal	Rabbit	LD50 > 2,000 mg/kg	Category5
N,N-Dimethyl-p-toluidine	Inhalation-Dust/Mist (4 hours)	Rat	LC50 1 mg/l	Category4

N,N-Dimethyl-p-toluidine	Ingestion	Rat	LD50 1,650 mg/kg	Category4
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ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to cause no significant irritation	Not classified
Acetone		Minimal irritation	Not classified
N,N-Dimethyl-p-toluidine		No data available	

**Serious Eye Damage/Irritation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be severe irritant	Category 2A
Acetone	Rabbit	Severe irritant	Category 2A
N,N-Dimethyl-p-toluidine		No data available	

**Skin Sensitisation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Acetone		No data available	
N,N-Dimethyl-p-toluidine		No data available	

**Respiratory Sensitisation**

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
Acetone		No data available	
N,N-Dimethyl-p-toluidine		No data available	

**Germ Cell Mutagenicity**

Name	Route	Value	UN GHS Classification
Overall product		No data available	Overall Germ Cell Mutagenicity classification Not classified
Overall product		No test data available.	
Acetone	In vivo	Some positive data exist, but the data are not sufficient for classification	Not classified
N,N-Dimethyl-p-toluidine		No data available	

**Carcinogenicity**

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
Acetone	Not specified.		Not carcinogenic	Not classified
N,N-Dimethyl-p-toluidine			No data available	

		reproductive/developmental data exist, but the data are not sufficient for classification		1,700 mg/kg/day		
Acetone	Inhalation	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL 5.2 mg/l		
N,N-Dimethyl-p-toluidine		No data available				

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product		No test data available.				Not classified based on component data
Acetone	Ingestion	Some positive		NOEL		



**Target Organ(s)****Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Acetone	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	LOAEL 0.6 mg/l		Category 3
Acetone	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	Irritation Positive		Not classified
Acetone	Inhalation	hematopoietic system	Some positive data exist, but the data are not sufficient for classification		NOEL 0.6 mg/l		Not classified
Acetone	Inhalation	liver	Some positive data exist, but the data are not sufficient for classification		LOEL 24 mg/l		Not classified
Acetone	Inhalation	immune system	Some positive data exist, but the data are not sufficient for classification		NOEL 0.6 mg/l		Not classified
Acetone	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL N/A		Category 3
N,N-Dimethyl-p-toluidine			No data available				

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product			No test data available.				Not classified based on component data
Acetone	Dermal	eyes	Some positive data exist, but the data are not sufficient for classification		NOEL N/A		Not classified

Acetone	Inhalation	hematopoietic system   immune system	Some positive data exist, but the data are not sufficient for classification		NOEL 0.6 mg/l		Not classified
Acetone	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		LOAEL 119 mg/l		Not classified
Acetone	Inhalation	heart	All data are negative		NOAEL 19,000 ppm		Not classified
Acetone	Inhalation	liver	All data are negative		NOAEL 45 mg/l		Not classified
Acetone	Ingestion	heart	Some positive data exist, but the data are not sufficient for classification		LOEL 2,500 mg/kg/day		Not classified
Acetone	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification		NOEL 200 mg/kg/day		Not classified
Acetone	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification		NOEL 1,579 mg/kg/day		Not classified
Acetone	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification		NOEL 900 mg/kg/day		Not classified
Acetone	Ingestion	respiratory system	Some positive data exist, but the data are not sufficient for classification		NOEL N/A		Not classified
Acetone	Ingestion	skin	All data are negative		NOAEL 11,298 mg/kg/day		Not classified
Acetone	Ingestion	bone, teeth, nails, and/or hair	All data are negative		NOAEL 11,298 mg/kg		Not classified
Acetone	Ingestion	muscles	All data are negative		NOAEL 2,500 mg/kg		Not classified
Acetone	Ingestion	eyes	All data are negative		NOAEL 11,298 mg/kg/day		Not classified
N,N-Dimethyl-p-toluidine			No data available				

**Aspiration Hazard**

Name	Value	UN GHS Classification
Overall product	No test data available.	Not classified based on component and/or viscosity data
Acetone	Not an aspiration hazard	Not classified
N,N-Dimethyl-p-toluidine	Not an aspiration hazard	Not classified

Please contact the address or phone number listed on the first page of the MSDS for additional toxicological information on this material and/or its components.

## SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

### 12.1. Toxicity

#### Acute aquatic hazard:

Not acutely toxic to aquatic life by GHS criteria.

#### Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

No component test data available.

### 12.2. Persistence and degradability

No test data available.

### 12.3 : Bioaccumulative potential

No test data available.

### 12.4. Mobility in soil

Please contact manufacturer for more details

### 12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations

Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities. Incinerate in a permitted waste incineration facility. As a disposal alternative, dispose of waste product in a permitted industrial waste facility.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of Cyanotec, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

### EU waste code (product as sold)

08 04 09\* Waste adhesives and sealants containing organic solvents or other dangerous substances

20 01 27\* Paint, inks, adhesives and resins containing dangerous substances

## SECTION 14: Transportation information

**ADR/RID:** UN1993, FLAMMABLE LIQUID, N.O.S., LIMITED QUANTITY, (ACETONE), 3., II , (--), ADR Classification Code: F1.

**IMDG-CODE:** UN1993, FLAMMABLE LIQUID, N.O.S., (ACETONE), 3., II , LIMITED QUANTITY, EMS: FE,SE. **ICAO/IATA:** UN1993, FLAMMABLE LIQUID, N.O.S., (ACETONE), 3., II .

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

Not applicable

## SECTION 16: Other information

### List of relevant H statements

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

### List of relevant R-phrases

R11	Highly flammable.
R23	Toxic by inhalation.
R24	Toxic in contact with skin.
R25	Toxic if swallowed.
R33	Danger of cumulative effects.
R36	Irritating to eyes.
R52/53	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.