

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

NAME OF THE PRODUCT	Cyanoacrylate spray accelerator, 200 ml
CODE	080207
DISTRIBUTOR	BOSSAUTO INNOVA, S.A.
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

A. According to Directive 1272/2008 (CLP)

- Health**

H315: Causes skin irritation.
 H336: May cause drowsiness and dizziness.
 H301: Harmful if swallowed.

- Physical**

H222: Extremely Flammable.
 H229: Pressurized container: May burst if heated.

- Environmental**

H411: Toxic to aquatic life with long lasting effects.

2.2. Label elements

A. According to Directive 1272/2008 (CLP)

- Pictograms**



- **Signal words**

Danger, warning.

- **Danger statements**

H222: Extremely Flammable.
 H229: Pressurized container: May burst if heated.
 H315: Causes skin irritation. STOT SE
 H336: May cause drowsiness and dizziness.
 H301: Harmful if swallowed.
 H411: Toxic to aquatic life with long lasting effects.

- **Precautions statements**

P210: Keep away from heat, sparks, open flame or 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.
 P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50 ° C
 P102: Keep out of reach of children.
 P261: Do not breathe spray.
 P271: Use only outdoors or in a well-ventilated place.
 P280: Wear protective gloves.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:

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3.2. Mixtures

A. Hazardous components

Components and CAS	EINECS	CONCENTRATION	SYMBOL	CLASSIFICATION ACCORDING TO DSD/DPD	CLASSIFICATION ACCORDING TO CLP
Hydrocarbons, C7, nalkanes, iso-alkanes, cyclic	927-510-4	25-50	F-Xi-Xn-N	11-38-65-67-51/53	H411, H304, H225, H336, H315
N,N-Dimetil-p-toluidine 99-97-8	202-805-4	<1	T	23/24/25-33-52/53	H373, H301, H311, H331, H412.
Butane 106-97-8	203-448-7	25-50	F+	12	H220, H280
Propane 74-98-6	200-878-9	5-15	F+	12	H220, H280
Isobutane 75-28-5	200-857-5	10-15		12	H220, H280

For a complete list of R and H phrases see section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

A. Inhalation

Remove patient to fresh air. Keep warm and at rest, in upright position. Loosen clothing. If you feel unwell seek medical advice.

B. Skin contact

Remove contaminated clothing immediately and drench affected skin with plenty of water.

C. Eye contact

If substance has got into eyes, immediately wash with plenty of water for at least 15 minutes and seek medical advice.

D. Ingestion

Do not induce vomiting and call a doctor.

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

A. Eye contact

Irritating to eyes, causes redness and pain.

B. Skin Contact

May cause irritation.

C. Inhalation

May cause headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

D. Ingestion

May cause sore throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea.

4.3. Medical attention and special treatments

In case of feeling unwell, get medical attention (if it is possible, show the label). If symptoms persist, get medical attention.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Foam, carbon dioxide or dry agent.

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if exposed to temperatures above 50°C.

5.3. Advice for firefighters

Cool closed containers exposed to fire by spraying them with water. In case of fire, do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protection equipment and emergency procedures

Shut off all ignition sources. Ensure adequate ventilation. Use clothing and suitable gloves.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses. If polluted water reaches drainage systems or water courses, immediately inform the competent authorities.

6.3. Methods and materials for containment and cleaning up

Collect spillage with non-combustible absorbent materials (soil, sand, diatomaceous earth ...). Place in appropriate container.

6.4. Reference to other sections

For exposure controls and personal protection measures, see section 8.
 For later elimination of waste, follow the recommendations under section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Comply with the law on the prevention of occupational hazards. Keep away from heat and ignition sources. Take precautionary measures against static discharges. Use electrical, ventilation or lighting equipment. Use only non-sparking tools. Do not breathe aerosols or vapors. Ensure adequate ventilation. Avoid contact with eyes and skin. Wash thoroughly after use. Wear protective gloves / clothing / glasses / face protection. Have ready bottles of eye protection.

7.2. Conditions for safe storage, including any incompatibilities

No entry to unauthorized persons. Keep out of reach of children. The product should be stored away from sources of heat and power. No smoking in the storage area. Avoid direct contact with sunlight. Avoid extreme humidity. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

A. Limit values for occupational exposure

Values INSHT 2012	N°CAS	VLA-ED		VLA-EC	
		Ppm	mg/m3	Ppm	mg/m3
Hydrocarbons, C7, n-alcanos, Isoalcanes, cyclics		500	2085		
Butane	106-97-8	1000			
Propane	74-98-6	1000			
Isobutane	75-28-5	1000			

VLA – Environmental value. ED – Daily exposure. EC – Short term exposure.

8.2. Exposure controls

A. Control procedures

Ensure adequate ventilation. Keep away from heat and ignition sources. Avoid static discharges.

B. Personal protection

Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation.

C. Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment. Mask for organic gases and vapors (A, AX) (EN141-143).

D. Hands and skin

Wear suitable protective gloves (butyl rubber) (EN374).

E. Eyes

Wear safety goggles (EN166).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information of physical and chemical basic properties

To allow the adoption of the correct control measures, provide all the information relating to the substance or mixture, in particular the information listed in point 9.2. The information in this point must correspond to those provided at the moment of registration, when necessary.

A. General information

Physical state	Aerosol
Odour	Characteristic
Flash point	-82,7°C
Explosive properties	Upper explosion limit 9,9% / lower explosion limit 2,2%
Solubility	Immiscible in water

10. STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions known if used for its intended purpose.

10.2. Stability

Stable under recommended storage and handling.

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4. Conditions to avoid

Avoid overheating.

10.5. Incompatible materials

Keep away from strong oxidizing agents, from strongly alkaline and strongly acid materials.

10.6. Hazardous decomposition products

CO, CO₂.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

A. Inhalation

Solvent vapors can cause nausea, headaches and dizziness.

B. Ingestion

May cause gastrointestinal disturbances.

C. Contact with skin

Irritant to skin.

D. Eye contact

Irritating to eyes.

11.2. Toxicological data

A. Hazardous components

Hydrocarbons, C7, n-alkanes, iso-alkanes, cyclic

Nº CAS : -

DL50 mg/kg oral : 5840

DL50 mg/kg skin : 2920

Species values : 23.3

N,N-Dimetil-p-toluidine

Nº CAS : 99-97-8

DL50 mg/kg oral : 212 - Rat

DL50 mg/kg skin : -

Species values : 1400 - Rat

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Not classified. Ecological data:

A. Hazardous components

N,N-Dimetil-p-toluidine

Nº CAS: 99-97-8

EC50 – mg/l: -

IC50 – mg/l – 24h: -

LC50 – mg/l – 96h: 46-52

Butane

Nº CAS: 106-97-8

EC50 – mg/l: 4,71 - 96 h. – Algae

IC50 – mg/l – 24h: -

LC50 – mg/l – 96h: -

Propane

Nº CAS: 74-98-6

EC50 – mg/l: 4,71 - 96 h. – Algae

IC50 – mg/l – 24h: -

LC50 – mg/l – 96h: -

12.2. Persistence and degradability

Not available.

12.3. Potential for bioaccumulation

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

Not available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

A. Product

Dispose of waste material and its container in a safe way. Do not discharge into drains or the environment. Dispose to an authorized waste collection point.

B. Contaminated packaging

Disposal should be in accordance with local, regional or national regulations.

14. TRANSPORT INFORMATION

14.1. UN Number

UN 1950

14.2. Proper transport UN

AEROSOLS

14.3. Hazards classes for transport

Class; 2.1 / ADR / RID – Classification code; 5F

14.4. Packing group

Not applicable.

14.5. Hazards to the environment

ADR / RID – Dangerous for the environment: No

IMDG – Marine pollutant: No

IATA / ICAO – Dangerous for the environment: No

14.6. Special precautions for user

ADR / RID – Code of tunnel: D

IMDG – Ems: F-D, S-U

IATA / ICAO – PAX: 203

IATA / ICAO – CAO: 203

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

15.1. Regulation and legislation on health, safety and specific for the mixture

Directive 2008/47/EC amending Directive 75/324/EEC aerosol. 99/45/EU Directive. EC Regulation nº 1907/2006.

16. OTHER INFORMATION

• Explanation of the risk phrases

R11: Highly flammable.

R12: Extremely flammable.

R23/24/25: Toxic by inhalation, ingestion and skin contact.

R33: Danger of cumulative effects.

R38: Irritating to skin.

R65: Harmful if swallowed can cause lung damage.

R67: Vapours may cause drowsiness and dizziness.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

• **Hazards explanation**

H220: Extremely flammable gas.

H280: Contains gas under pressure, may explode if heated.

H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H331: Toxic if inhaled.

H336: May cause drowsiness and dizziness.

H373: It could cause damage to organs through prolonged or repeated exposure.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

According to Regulation (EC) n° 1907/2006 and Regulation (EC) n° 453/2010.

The information on this Safety Data Sheet on the Preparation is based on current knowledge and on current EU laws and national, in that the working conditions of the users is beyond our knowledge and control. The product should not be used for purposes other than those specified under section 1 purposes. It is always your responsibility to take appropriate measures in order to meet the requirements of local regulations and current legislation. The information contained in this Safety Data Sheet only meant as a description of the safety requirements of the product and should not be considered as a guarantee of its properties.