According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

## **CA GLUE**

Release date: 4/19/2022

Revision Date/No: 82:11

MSDS No: SDS-067

### **SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY**

### 1.1 Product Identifier

Trade Name: CA GLUE

UFI No: CJXU-26S3-7P1W-EPXG

### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Mixture Uses: Adhesive

### 1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer/Supplier: ixirpro

www.ixirpro.com

### 1.4 Emergency Telephone Number

Emergency Phone Number : +86-15606079069
Working Hours : Weekdays 08:00-18:00

### **SECTION 2. HAZARDS IDENTIFICATION**

### 2.1 Classification of the substance/mixture

The mixture meets the criteria for classification of detrimental in accordance with Regulation (EC) No. 1272/2008.

### 2.2 Hazards Identification

Hazard Pictograms: Signal Words:	GHS Warning	07
Signal Words.	warming	
Hazard Statements	H319 H335 H315	Causes serious eye irritation.  May cause respiratory irritation.  Causes skin irritation.
Precautionary Statements	P 261 P280 P302+P352 P332+P313 P337+P313	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/ clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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	P405 Store locked up. P501 Dispose of contents/container to		
Additional Information	EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.	
For full text of Hazard- and EU Hazard-statements: see SECTION 16.			

### 2.3 Other Hazards

Avoid to contact acrylate from people with the possibility of allergic reaction.

### **SECTION 3. COMPOSITION ON INGREDIENTS**

### 3.2 Mixtures

### **General chemical description:**

Rapid Adhesive

### Base substances of preparation:

Cyanoacrylate,

Declaration of the ingredients according to CLP (EC) No 1272/2008:

CAS No.	EC No.	Concentration	Classification
Ethyl 2-Cyanoacrylate			Eye Irr. 2;H319
7085-85-0	230-391-5	%80 - %100 	STOT Single Exp. 3;H335 (C ≥ %10) Skin Irr. 2;H315

See the Section 16 for the full text of the H- and P- Statements.

### **SECTION 4. FIRST AID MEASURES**

### 4.1 Description of first aid measures

**Skin Contact:** In the event of contact body part, should wash with plenty of warm water and soap on contact surface. In case of contact with clothes or shoes, it has to be removed on skin before adherend activity had been finished. Do not force on the surface for taking adherend, it can be cause of adherend come with skin part. If adhesive amount is too much, this situation will give rise to serious burned on skin. Apply to health care facility.

Inhalation: Remove affected person to fresh air, and if still feeling unwell seek medical attention.

**Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. If eyelids are bonded closed, do not force eye open. Get medical attention.

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**Ingestion:** In case of swallow, gargle and do not retch. Apply to health care facility.

### **First Aider Protection Equipment**

The first aider should use personal protective equipment.

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

Serious eye irritation. Serious rash and swelling on skin. Irritation nose and troat.

### 4.3 Indication of any immediate medical attention and special treatment needed

See the Section 8.

### **SECTION 5. FIRE-FIGHTING MEASURES**

### 5.1 Extinguishing Media

**Suitable extinguishing media:** All common extinguishing agents are suitable. Foam, carbon dioxide, dry powder. **Extinguishing media which must not be used for safety reasons:** High pressure water jet.

### 5.2 Special Hazards Arising From the Substance or Mixture

In case of fire toxic gases can be released. Don't inhale the combustion products.

### **5.3 Advice For Firefighters**

Use personal protective fireproof clothing and respirator face mask

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

### For Non-Emergency Personnel

Use personal protective equipment. Provide ventilation. Keep away from igniting sources. Keep away from naked flame or any incandescent material.

### For Emergency Responders

Wear personal protective fireproof clothing.

### **6.2 Environmental Precautions**

Do not empty into drains or water. Disposal of the chemicals must be made according to official regulations.

### 6.3 Methods and Material For Containment and Cleaning Up

Flood wih water to complete polymerization and scrape off the floor. Dispose of contaminated material as waste according to Section 13.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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### 6.4 Reference to Other Sections

Any information on personal protection and disposal is given in sections 8 and 13.

### **SECTION 7. HANDLING AND STORAGE**

### 7.1 Precautions For Safe Handling

Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mists.

Hygiene precautions:

Do not drink, eat and smoke in the working area. Wash hands before break period and after shift,

### 7.2 Conditions For Safe Storage, Including Any Incompatibilities

Keep in a cool, well-ventilated area in original container

Away from heat, sparks and open flame.

Keep containers closed safely and check periodically in case leakage and spilling.

Protect containers from physical damage.

Keep only in the original container

### 7.3 Specific end use(s)

Instant adhesive

### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control Parameters**

Working with chemical materials and safety measures depend to regulation. According to EH 40/2009 Occupational Exposure limit WELs:

EC No.	CAS No.	Component	TWA	STEL
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	-	1,5 mg/m³

### 8.2 Exposure Controls

Appropriate Engineering Controls:

Ensure good ventilation. Apply the all common precautions while working with chemicals.

### Respiratory protection:

In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P. This recommendation should be matched to local conditions.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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Hand protection:

Wear refractive gloves while working with the hot melt.

Eye protection:

Wear protective goggles

Skin protection:

Wear protective equipment.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 Information On Basic Physical And Chemical Properties

Appearance : Liquid
Color : Colorless
Odor : Irritating

pH : Not Applicable

Melting/ Freezing Point : Not Applicable

Initial Boiling Point : 150°C
Flash Point : 85°C

Evaporation Rate : Not Applicable
Flammability of Solids and Gases : Not Applicable
Explosive Limit : Not Applicable
Vapour Density : Not Applicable
Vapour Pressure : 0,293 mmHg

**Density 25°C** : 1,1 ±0,03 g/cm<sup>3</sup>

**Solubility** : Insoluble in water reacts with water. Soluble in acetone.

Partition Coefficient (n-octanol/water) : Not Applicable

Auto-ignition temperature : Not Applicable

Decomposition Temperature : Not Applicable

Viscosity : 2-5 mPa.s (Brookfield; @25°C; 50 sp, 50 rpm)

Explosive Properties : Not Applicable

Oxidizing Properties : Not Applicable

## **SECTION 10. STABILITY AND REACTIVITY**

### 10.1 Reactivity

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

### 10.2 Chemical stability

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

See section reactivity

### 10.4 Conditions to avoid

None if used for intended purpose.

### 10.5 Incompatible materials

Water, amines, alkalies and alcohols.

### 10.6 Hazardous decomposition products

At higher temperatures carbon oxides may be released.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

### 11.1 Informations of Toxicological Effects

Categorized with 1272/2008/EC Based on available data (Chapter 3 Chemical list), the classification criteria are indicated below:

### Sensitization:

An allergic reaction cannot be excluded after repeated skin contact. Avoid to contact acrilate materials, when contact to material, if carry risk of allergic reaction.

### Corozion/Irritation:

Inhalation: Causes nose and throat irritation

Skin Contact: Causes serious irritation. ( $500\mu L/24$  Hours- rabbit)

Eye Contact: Causes serious irritation. (500μL/24 Hours- rabbit)

### **Occupational Exposure Limit Values:**

EC No	CAS No.	Component	Limiting Values
230-391	5 7085-85-0	Ethyl-2-Cyanoacrylate	0,3 ppm; STEL 0,2 ppm; TWA

### **Acute Toxicology:**

EC No.	CAS No.	Component	Toxicity
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	LC50 (rat) : >5000 mg/kg (inhale)

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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### **SECTION 12. ECOLOGICAL INFORMATION**

### **General Ecological Information:**

The material is not biodegradable so, do not allow spreading soil, waterways or waste water canal.

### 12.1. Toxicity

EC No.	CAS No.	Component	Toxicity
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	LC50 (rat) : >5000 mg/kg (inhale)

### 12.2. Persistence and degradability

EC No.	CAS No.	Component	Biodegradable
230-391-5	7085-85-0	Ethyl-2-Cyanoacrylate	- (% 57)

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

Based on current knowledge, the mixture does not include greater than 0,1% the ratio of PBT or vPvB substances.

### 12.6. Other adverse effects

No data available.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

If it is possible, try to reuse the mixture. In consultation with the responsible local authority, must be subjected to special treatment. Disposal of the products must be made according to official regulations.

### Waste code

According to the directive 2008/98/EC on waste management and the local regulation (02.04.2015 dated-No.29314) the waste code is:

08 04 09: waste adhesives and sealants containing organic solvents or other dangerous

### **SECTION 14. TRANSPORT INFORMATION**

### 14.1. UN Number

Not hazardous according to RID, ADR, ADNR, IMDG.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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IATA-DGR :UN 3334

### 14.2. UN Proper Shipping Name

Not hazardous according to RID, ADR, ADNR, IMDG.

IATA-DGR : Aviation regulated liquid, n.o.s (Cyanoacrylate ester)

### 14.3. Transport Hazard Class(es)

Not hazardous according to RID, ADR, ADNR, IMDG,

IATA-DGR 9

### 14.4. Packaging Group

Not hazardous according to RID, ADR, ADNR, IMDG.

IATA-DGR III

### 14.5. Environmental Hazards

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

### 14.6. Special Precautions For User

Not hazardous according to RID, ADR, ADNR, IMDG.

IATA-DGR :Primary packs containing less than 500ml are unregulated by this mode of transport and may be

shipped unrestricted.

### 14.7. Transport In Bulk According to Annex II of Marpol and The IBC Code

Not applicable.

### **SECTION 15. REGULATORY INFORMATION**

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

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP) directive on health and safety precautions while working with chemicals (2009/161/EU) and Directive on Carcinogens or mutagens at work (2004/37/EC) there are no limitations on the products and materials.

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

### **SECTION 16. OTHER INFORMATION**

This document was prepared according to December 13, 2014 dated and 29204 numbered regulations regarding 1272/2008/EC guideline.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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H319 H335 H315	Causes serious eye irritation. May cause respiratory irritation. Causes skin irritation.
P 261 P280 P302+P352 P332+P313 P337+P313 P405 P501	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/ clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Store locked up. Dispose of contents/container to
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

### Chemical Assesment No: Chemical Assesment Expert-A-0-016

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According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

## **CA ACTIVATOR**

Release date: 4/19/2022

Revision Date/No: 804 2

MSDS No: SDS-064

### SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

### 1.1 Product Identifier

Trade Name: ixirpro CA Glue Activator Spray (16.9 oz)

UFI No: QVX4-R586-TX0J-8HTN

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Mixture Uses: Aerosol, activator

1.3 Details of the Supplier of the Safety Data Sheet

XXX

1.4 Emergency Telephone Number

Emergency Phone Number : 114 National Poison Information Center
Working Hours : Weekdays 08:00-18:00 (Turkey Time)

### **SECTION 2. HAZARDS IDENTIFICATION**

### 2.1 Classification of the substance/mixture

The mixture meets the criteria for classification of detrimental in accordance with Regulation (EC) No. 1272/2008.

### 2.2 Hazards Identification

Hazard Pictograms:	GHS02	GHS08 GHS09
Signal Words:	Danger	
Hazard Statements	H222	Extremely flammable aerosol.
	H304	May be fatal if swallowed and enters airways.
	H315	Causes skin irritation.
	H336	May cause drowsiness or dizziness.
	H361	Suspected of damaging fertility or the unborn child
	H373**	H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
	H411	Toxic to aquatic life with long lasting effects.

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Precautionary	P210	Keep away from heat/sparks/open flames/hot surfaces
Statements	P281	Use personal protective equipment as required
	P308+P313	If exposed or concerned: Get medical advice/attention
	P301+P310	If swalled: Immediately call a poison center or doctor/physician
	P302+P352	If on skin: Wash with plenty of soap and water
	P403+P235	Store in a well-ventilated place. Keep container tightly closed.

Additional Information	P501 EUH066	Dispose of contents/container to  Repeated exposure may cause skin dryness or cracking.
For full text of Hazard- and EU Hazard-statements: see SECTION 16.		

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### 2.3 Other Hazards

The mixture does not meet the criteria for PBT or vPvB in accodance with the Annex XIII in the Regulation (EC) No. 1272/2008. Based on current knowledge, the mixture does not include greater than 0,1% the ratio of PBT or vPvB substances.

### **SECTION 3. COMPOSITION ON INGREDIENTS**

### 3.2 Mixtures

General chemical description:

Cleaner

Base substances of preparation:

Declaration of the ingredients according to CLP (EC) No 1272/2008:

CAS No.	EC No.	Concentration	Classification
Heptane 142-82-5	205-563-8	≥ 25 %	Flammable liq. 2; H225 Repro. Sys. Tox. 2;H361* Asp. Tox. 1; H304 STOT Rep. Exp. 2*;H373** Skin Irrt 2;H315 STOT Rep. Exp 3; H336 Aquatic Cron. 2; H411
Butane 106-97-8	203-448-7	<%20	Flammable Aerosol 1;H220
Propane 74-98-6	200-827-9	<%20	Flammable Aerosol 1;H220

See the Section 16 for the full text of the H- and P- Statements.

### **SECTION 4. FIRST AID MEASURES**

### 4.1 Description of first aid measures

If exposed or concerned: Get medical advice/attention. Call a POISON CENTER or doctor. Get medical advice if you feel unwell.

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. Get medical advice if you feel unwell. Take off contaminated clothing and wash before reuse.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, seek medical advice in case of necessity.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Consult with a doctor in case swallowing.

### **First Aider Protection Equipment**

The first aider should use personal protective equipment.

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

May cause respiratory irritation. May cause dizziness or drowsiness.

### 4.3 Indication of any immediate medical attention and special treatment needed

See the Section 8.

### **SECTION 5. FIRE-FIGHTING MEASURES**

### 5.1 Extinguishing Media

**Suitable extinguishing media:** All common extinguishing agents are suitable. Foam, carbon dioxide, dry powder **Extinguishing media which must not be used for safety reasons:** High pressure water jet

### 5.2 Special Hazards Arising From the Mixture

Extremely flammable aerosol. Pressurized container: May burst if heated. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback. Vapor/air mixtures are explosive. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

### 5.3 Advice For Firefighters

Danger of explosion. Keep unnecessary people away, isolate hazard area and deny entry. Cool containers with water from unmanned hose holder or monitor nozzles until well after fire is out. Do not allow to enter into surface water or drains. Wear self-contained breathing apparatus with a full face-piece and protective clothing.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

### For Non-Emergency Personnel

Use personal protective equipment. Keep children away. Provide ventilation. Keep away from igniting sources. Keep away from naked flame or any incandescent material.

### For Emergency Responders

Wear personal protective fireproof clothing.

### **6.2 Environmental Precautions**

Do not empty into drains or water. Avoid release to the environment. Disposal of the chemicals must be made according to official regulations.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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### 6.3 Methods and Material For Containment and Cleaning Up

Do not pierce or burn, even after use. Avoid heat, flames, sparks and other sources of ignition. Do not spray on an open flame or other ignition sources. Stop leak if possible without personal risk. Only personnel trained for the hazards of this material should perform clean up and disposal. Use non-sparking tools and equipment. Dispose of contaminated material as waste according to Section 13.

### 6.4 Reference to Other Sections

Any information on personal protection and disposal is given in sections 8 and 13.

### **SECTION 7. HANDLING AND STORAGE**

### 7.1 Precautions For Safe Handling

Avoid contact with eyes and skin. Avoid breathing vapor and mists. Do not drink, eat and smoke in the working area. Wash hands thoroughly after handling, Use nitrile gloves and protective glass during handling. Do not spray onto a naked flame or any incandescent material

Hygiene precautions:

Do not drink, eat and smoke in the working area. Wash hands before break period and after shift.

### 7.2 Conditions For Safe Storage, Including Any Incompatibilities

Keep in a cool, well-ventilated area in original container. Away from heat, sparks and open flame.

Keep containers closed safely and check periodically in case leakage and spilling.

Protect containers from physical damage.

Carbon dioxide will occur with the moisture contact and this leads pressure increase inside the can.

Keep only in the original container

### 7.3 Specific end use(s)

CA adhesive activator

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1 Control Parameters

According to EH 40/2011 WEELs:

EC No.	CAS No.	Component	TWA	STEL
-	-	Organic Solvent	20 ppm	-
200-827-9	74-98-6	Propane	1000 ppm	-
203-448-7	106-97-8	Butane	600 ppm	750 ppm
-	-	Organic Activator	0,5 ppm	

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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### **8.2 Exposure Controls**

Appropriate Engineering Controls:

Ensure good ventilation. Apply the all common precautions while working with chemicals. Use explosion-proof electrical/ventilating/lighting equipment. Keep awayfrom heat sparks/open flames/hot surfaces.

Respiratory protection:

Provide ventilation.

Hand protection:

Wear refractive gloves.

Eye protection:

Wear protective goggles.

Skin protection:

Wear protective equipment.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 Information On Basic Physical And Chemical Properties

Appearance : Aerosol, Liquid

Color : Clear

Odor : Characteristic

pH : Not Applicable

Melting/ Freezing Point : Not Applicable

Initial Boiling Point : Not Applicable

Boiling Range : Not Applicable

Flash Point : - 47 °C Upper Explosion Limit (UEL) : 8,4 % (V) Lower Explosion Limit (LEL) : 1,4 % (V)

Evaporation Rate : Not Applicable
Flammability of Solids and Gases : Highly flammable
Explosive Limit : Not Applicable
Vapour Density : Not Applicable
Vapour Pressure : Not Applicable
Density 25°C : Not Applicable

**Solubility** : Soluble in ethanol and ether.

Partition Coefficient (n-octanol/water) : Not Applicable

**Auto-ignition temperature** : 345 °C

Decomposition Temperature : Not Applicable
Viscosity : Not Applicable

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**Explosive Properties** 

: Not Applicable

### **SECTION 10. STABILITY AND REACTIVITY**

### 10.1 Reactivity

None known

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

See section reactivity

### 10.4 Conditions to avoid

Keep away from sunlight and do not expose temperatures above 50°C. Protect containers from physical damage. Keep away from heat, flame and spark. Do not pierce or burn, even after use.

### 10.5 Incompatible materials

Keep away from oxidizing agent, acids and bases.

### 10.6 Hazardous decomposition products

In case of exposure to heat combustion products like oxides of carbons CO and CO<sub>2</sub> may occur.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

### 11.1 Informations of Toxicological Effects

Categorized with 1272/2008/EC Based on available data (Chapter 3 Chemical list), the classification criteria are indicated below:

### Sensitization:

An allergic reaction cannot be excluded after repeated skin contact.

### Corozion/Irritation:

**Inhalation:** May cause respiratory tract irritation.

**Skin Contact:** No information on significant adverse effects.

**Eye Contact:** Causes serious eye irritation.

Ingestion: Consult with a doctor in case swallowing

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### **General Toxicology Information:**

EC No.	CAS No.	Component	Limiting Values
-	-	Organic Solvent	20 ppm ;TWA
-	-	Organic Activator	0,5 pmm; TWA
200-827-9	74-98-6	Propane	1000 ppm; TWA -
203-448-7	106-97-8	Bütane	600 ppm; TWA 750 ppm; STEL

### **Acute Toxicology:**

EC No.	CAS No.	Component	Toxicity
-	-	Organic Solvent	Toxicity category 3: toxic to reproduction system.
-	-	Organic Activator	LD50 Oral (rat): > 200-2000 mg/kg LD50 Dermal (rabbit): > 400-2000 mg/kg LC50 Inhalation (rat): > 1-5 mg/l/4h
200-827-9	74-98-6	Propane	LC50 (rat) : 658mg/L (solunum)
203-448-7	106-97-8	Bütane	LC50 (rat) : 658mg/L (solunum)

## **SECTION 12. ECOLOGICAL INFORMATION**

### **General Ecological Information:**

The material is not biodegradable so, do not allow spreading soil, waterways or waste water canal.

### 12.1. Toxicity

EC No.	CAS No.	Component	Toxicity
-	-	Organic Solvent	Toxicity category 3: toxic to reproduction system.
-	-	Organic Activator	LD50 Oral (rat): > 200-2000 mg/kg LD50 Dermal (rabbit): > 400-2000 mg/kg LC50 Inhalation (rat): > 1-5 mg/l/4h
200-827-9	74-98-6	Propane	LC50 (rat) : 658mg/L (solunum)
203-448-7	106-97-8	Bütane	LC50 (rat) : 658mg/L (solunum)

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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### 12.5. Results of PBT and vPvB assessment

Based on current knowledge, the mixture does not include greater than 0,1% the ratio of PBT or vPvB substances.

### 12.6. Other adverse effects

No data available.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

Loaded cans must be sent to hazardous waste disposal facility. Protective glass, nitrile gloves and protective clothes must be worn during disposal in case of explosion. In consultation with the responsible local authority, must be subjected to special treatment. Disposal of the products must be made according to official regulations.

### Waste code

According to the directive 2008/98/EC on waste management and the local regulation (02.04.2015 dated-No.29314) the waste code is:

16 05 04: gases in pressure containers (including halons) containing dangerous substances

### **SECTION 14. TRANSPORT INFORMATION**

### 14.1. UN Number

ADR/RID, IMDG,ICA/IATA : UN 1950

### 14.2. UN Proper Shipping Name

ADR/RID, IMDG,ICA/IATA : AEROSOL, flammable

### 14.3. Transport Hazard Class(es)

ADR/RID, IMDG,ICA/IATA : 2.1

### 14.4. Packaging Group

ADR/RID, IMDG, ICA/IATA : 2

### 14.5. Environmental Hazards

Harmful to aquatic life with long lasting effects.

### 14.6. Special Precautions For User

Avoid high temperature.

### 14.7. Transport In Bulk According to Annex II of Marpol and The IBC Code

Not applicable.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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### **SECTION 15. REGULATORY INFORMATION**

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

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP) directive on health and safety precautions while working with chemicals (2009/161/EU) and Directive on Carcinogens or mutagens at work (2004/37/EC) there are no limitations on the products and materials.

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

### **SECTION 16. OTHER INFORMATION**

This document was prepared according to December 13, 2014 dated and 29204 numbered regulations regarding 1272/2008/EC guideline.

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Extremely 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.
H304	May cause drowsiness or dizziness.
H331	Toxic if inhalation
H336	Suspected of damaging fertility or the unborn child
H361	May cause damage to organs through prolonged or repeated exposure exposure cause the
H373**	hazard
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat/sparks/open flames/hot surfaces
P281	Use personal protective equipment as required
P308+P313	If exposed or concerned: Get medical advice/attention
P301+P310	If swalled: Immediately call a poison center or doctor/physician
P302+P352	If on skin: Wash with plenty of soap and water
P403+P235	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to
EUH066	Repeated exposure may cause skin dryness or cracking.

According to Regulation (EC) No.1272/2008 and 2020/878/(CLP)

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### Chemical Assesment Expert No: Chemical Assesment Expert-A-0-016

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