

SECTION 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1.1 Product Identifier

Trade Name: MITREAPEL CA Activator

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

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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 in accordance with Regulation (EC) No. 1272/2008.

2.2 Hazards Identification

Hazard Pictograms:	 GHS02	 GHS08	 GHS09	
Signal Words:	Danger			
Hazard Statements	H222 H304 H315 H336 H361 H373** H411	Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child May cause damage to organs through prolonged or repeated exposure exposure cause the hazard Toxic to aquatic life with long lasting effects.		
Precautionary Statements	P210 P281 P308+P313 P301+P310 P302+P352 P403+P235 P501	Keep away from heat/sparks/open flames/hot surfaces Use personal protective equipment as required If exposed or concerned: Get medical advice/attention If swalled: Immediately call a poison center or doctor/physician If on skin: Wash with plenty of soap and water Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container to...		

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

2.3 Other Hazards

The mixture does not meet the criteria for PBT or vPvB in accordance 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
Organic Solvent -	-	≥ 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
Organic Activator -	-	≥1 %	Acute Tox 3*; H331,H311,H301 STOT Rep Exp. 2*;H373** Aquatic Cro. 3; H412
Butane 106-97-8	203-448-7	>%10	Flammable Aerosol 1;H220
Propane 74-98-6	200-827-9	>%10	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.

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.

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.

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

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	

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 away from 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	: Closed/ Pressured Vessel 0°C
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	: Not Applicable
Decomposition Temperature	: Not Applicable
Viscosity	: Not Applicable
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 CO₂ may occur.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Informations of Toxicological Effects

Based on available data, 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

General Toxicology Information:

EC No.	CAS No.	Component	Limiting Values
-	-	Organic Solvent	20 ppm ;TWA
-	-	Organic Activator	0,5 ppm; 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

MITREAPEL CA ACTIVATOR

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.

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.

SECTION 15. REGULATORY INFORMATION

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

According to EC 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.

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