



Eco Service s.r.l

CHEMICAL PRODUCTS

Z.I. – 36053 GAMBELLARA – VI – Tel. +39 0444 649269 – Fax +39 0444 441190

http://www.eco-servicesrl.it – E-mail: info@eco-servicesrl.it

Safety Data Sheet CATRAMIX



Safety Data Sheet dated 11/01/2019, version 1.0

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

1.1. Product identifier

Mixture identification:

Trade name: CATRAMIX

Trade code: 86810/05

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

Recommended use: No other information available.

Sector of use

SU21 Consumption uses: households / general population / consumers

SU22 Professional uses: public sector (administration, education, entertainment, services, crafts)

Product category

PC9a Coatings and paints, thinners, paint strippers

Process category

PROC7 Industrial spray applications

PROC11 Non-industrial spray applications

1.3. Details of the supplier of the safety data sheet

Company:

ECO SERVICE SRL- Z.I. 36053 Gambellara (VI) tel n. +39 0444 649269

Competent person responsible for the safety data sheet: info@eco-servicesrl.it

1.4. Emergency telephone number

ECO SERVICE SRL - tel n. +39 0444 649269 mon-fri 08:00 - 17:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Wrmng, Aerosols 1, Extremely flammable aerosol. Pressurised container: May burst if heated.

Attention, Skin Irrit. 2, Causes skin irritation

Attention, Eye Irrit. 2, Causes serious eye irritation.

Attention, STOT SE 3, May cause drowsiness or dizziness.

Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

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P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

The manufacturer cannot be held responsible in case of damages caused by incorrect use of the product.

Contains

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Acetone

Hydrocarbons, C9, aromatics

Special provisions according to Annex XVII of REACH and subsequent amendments:

Restricted to professional users.

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

SECTION 3: Composition/information on ingredients**3.1. Substances**

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
12,5 - <20%	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	EC: 921-024-6 REACH No.: 01-2119475514-35	2.6/2 Flam. Liq. 2 H225 3.10/1 Asp. Tox. 1 H304 3.2/2 Skin Irrit. 2 H315 3.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411
12,5 - <20%	Propane	Numero Index: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 REACH No.: 01-2119486944-21	2.5 Press. Gas H280 2.2/1 Flam. Gas 1 H220
10 - <12.5%	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	Numero Index: 649-328-00-1 EC: 920-750-0 REACH No.: 01-2119473851-33	2.6/2 Flam. Liq. 2 H225 3.10/1 Asp. Tox. 1 H304 3.8/3 STOT SE 3 H336 4.1/C2 Aquatic Chronic 2 H411
10 - <12.5%	Acetone	Numero Index: 606-001-008 CAS: 67-64-1 EC: 200-662-2 REACH No.: 01-2119471330-49	2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H336
5 - < 10%	Butane	Numero Index: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7 REACH No.: 01-2119474691-32	2.2/1 Flam. Gas 1 H220
< 2.5%	Hydrocarbons, C9, aromatics	EC: 918-668-5 REACH No.: 01-2119455851-35	2.6/3 Flam. Liq. 3 H226 3.10/1 Asp. Tox. 1 H304 3.8/3 STOT SE 3 H336



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			 3.8/3 STOT SE 3 H336  4.1/C2 Aquatic Chronic 2 H411
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For the wording of the listed hazard statements refer to section 16.

SECTION 4: First aid measures

General advice: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection).

4.1. Description of first aid measures

In case of skin contact:

Immediately wash with water and soap and rinse thoroughly.

In case of eye contact:

Wash under running water for several minutes keeping the eyelids open. If pain persists, consult the doctor.

In case of ingestion:

Drink plenty of water and stay in a well ventilated area. Get medical attention immediately.

In case of inhalation:

If the subject is unconscious, keep him in a stable position on his side during transport.

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

Information not available

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

Information not available

SECTION 5: Firefighting measures

Remove from fire all workers, excluding the emergency team .

5.1. Extinguishing media

Extinguishing substances are: CO₂, powder or water spray. Extinguish large fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

If heated or in case of fire the product develops toxic fumes.

5.3. Advice for firefighters

Protective equipment: Wear respirator.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear the respirator.

Wear protective equipment. Remove unequipped persons.

6.2. Environmental precautions

In case of seepage into water bodies or sewage system, notify the competent authorities.

Prevent infiltration into sewers / surface waters / groundwater.

6.3. Methods and material for containment and cleaning up

Disposal of contaminated material in accordance with section 13.

Ensure adequate ventilation.

6.4. Reference to other sections

See also section 7, 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Indications in case of fire and explosion:

Do not spray on a flame or on an incandescent body.

Keep away from heat sources, do not smoke.

Keep the respirator ready.

Container under pressure.

Protect from sunlight and do not expose to temperatures exceeding 50 ° C, for example from incandescent lamps.

Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Requirements for warehouses and containers:

Observe the administrative regulations regarding the storage of sprays.



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Information on mixed storage: Not necessary.

Further indications concerning storage conditions:

Keep containers tightly closed.

Storage class: 2 B

7.3. Specific end use(s)

Information not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Propane- CAS: 74-98-6

TWA - 1000 ppm

Acetone – CAS: 67-64-1

TWA - 1781 mg/m³ (750 ppm) – short term value

TWA – 1187 mg/m³ (500 ppm) – long term value

VL – 1210 mg/m³ (500 ppm) – long term value

butane - CAS: 106-97-8

TWA - 1000 ppm

isobutane - CAS: 75-28-5

TWA - 1000 ppm

Components with biological limit values:

Acetone - CAS: 67-64-1

IBE - 50 mg / l - Samples: urine - Withdrawal: at the end of the shift - Biological indicator: acetone

DNEL Exposure Limit Values:

N.A.

PNEC Exposure Limit Values:

N.A.

8.2. Exposure controls

General protective and hygiene rules:

Keep away from food, drink and feed.

Remove contaminated clothing immediately.

Wash hands before breaks or after work.

Do not inhale gases / vapors / aerosols.

Avoid contact with eyes and skin.

Avoid contact with eyes.

Protective mask:

In short and minimum exposures use the mask; in the most intense and lasting exposures wear apparatus.

Protective gloves:

The glove material must be impermeable and stable against the product / substance / formulation.

Due to the lack of tests, no type of glove material can be recommended with which to handle the product / chemical formulation / mixture.

Selection of the glove material in consideration of the passage times, permeation rates and degradation.

Glove material

The selection of suitable gloves does not only depend on the material but also on other quality characteristics

vary from one producer to another. Since the product represents a formulation of several substances, the stability of the glove materials cannot be calculated in advance and must be tested before uPenetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min

butyl acetate: 60 min

ethyl acetate: 170 min

Xylene: 42 min

Ask the glove supplier for the precise passage time which must be respected.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:
Appearance and colour:	black aerosol	--
Odour:	Solvent	--
Odour threshold:	N.A.	--
pH:	N.A.	--
Melting point / freezing point:	N.A.	--



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Initial boiling point and boiling range:	N.A.	--
Flash point:	< 0°C	--
Evaporation rate:	N.A.	--
Solid/gas flammability:	N.A.	--
Upper/lower flammability or explosive limits:	10.9 Vol % - 0.6 Vol %	--
Vapour pressure:	3.500 hPa	--
Vapour density:	N.A.	--
Relative density:	0,76 g/cm3	--
Solubility in water:	little and/or insoluble	--
Partition coefficient (n-octanol/water):	N.A.	--
Ignition temperature	> 200°C	
Auto-ignition temperature:	Product not self-igniting	--
Decomposition temperature:	N.A.	--
Viscosity:	N.A.	--
Explosive properties:	Product is not explosive, however the formation of explosive air / vapor mixtures is possible.	--
Oxidizing properties:	N.A.	--

9.2. Other information

Properties	Value	Method:
Solvent content:		--
Organic solvents:	71.4%	
- EU-VOC:	545.3 g/l	
- EU-VOC in%:	71.38%	
- VOC (CE)	--	
	545.3 g/l	
Solid content:	30,4%	--

SECTION 10: Stability and reactivity

10.1. Reactivity

Information not available

10.2. Chemical stability

Thermal decomposition / conditions to be avoided: The product does not decompose if used according to the regulations.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

Information not available

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met



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- f) carcinogenicity
Not classified
Based on available data, the classification criteria are not met
- g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
- h) STOT-single exposure
The product is classified: STOT SE 3 H336
- i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met
- j) aspiration hazard
Not classified

Toxicological information of the main substances found in the product:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

a) acute toxicity:

- Test: LD50 - Route: Oral - Species: Rat > 5.840 mg/kg
- Test: LD50 - Route: Skin - Species: Rabbit > 2.920 mg/kg
- Test: LC50 - Route: Inhalation - Species: Rat > 25.2 mg/l - Duration: 4h

ACETONE

a) acute toxicity:

- Test: LD50 - Route: Oral - Species: Rat > 15800 mg/kg
- Test: LD50 - Route: Skin - Species: Rat > 15800 mg/kg
- Test: LC50 - Route: Inhalation - Species: Rat > 76 mg/l/4h

SECTION 12: Ecological information

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it has negative effects on the aquatic environment.

12.1. Toxicity

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

a) Aquatic acute toxicity:

- Endpoint: EC50 - Species: daphnia magna = 3 mg/l - Duration h: 48
- Endpoint: EC50 - Species: Algae = 30-100 mg/l - Duration h: 72
- Endpoint: LC50 - Species: Fish = 11.4 mg/l - Duration h: 96

Acetone

a) Aquatic acute toxicity:

- Endpoint: LC50 - Species: Fish = 8300 mg/l - Duration h: 96
- Endpoint: EC50 - Species: Algae = 7200 mg/l - Duration h: 96
- Endpoint: LC50 - Species: crustacean (water flea) = 8450 mg/l - Duration h: 48

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

Environmental toxic effects:

Remarks: Toxic for fish.

Additional environmental information:

Further indications:

- Water hazard class 2 (D) (Self-classification): dangerous
- Do not allow to enter ground water, water courses or drains.
- Danger to drinking water even in the event of leaks in the subsoil of small quantities of product.
- Toxic for fish and plankton.
- toxic to aquatic organisms

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods



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Advice: Do not dispose of the product with household waste. Do not empty into drains.

European waste catalog code:

08 11 11 * waste paint and varnish containing organic solvents or other dangerous substances

15 01 04 metal packaging

15 01 11 * metallic packaging containing dangerous solid porous matrices (for example asbestos), included empty pressure containers

Uncleaned packaging:

Advice: Disposal in accordance with administrative provisions. Container under pressure. Protect against sunlight and do not expose to temperatures exceeding 50 ° C. Do not pierce or burn, even after use. Do not spray on a flame or an incandescent body.

SECTION 14: Transport information

14.1. UN number

ADR-UN number: 1950
IATA-Un number: 1950
IMDG-Un number: 1950

14.2. UN proper shipping name

ADR-Shipping Name: 1950 AEROSOL, DANGEROUS FOR THE ENVIRONMENT
IATA-Technical name: AEROSOL, FLAMMABLE
IMDG-Technical name: AEROSOLS (Naphtha (petroleum), hydrotreated light, Solvent naphtha (petroleum), light arom.), MARINE POLLUTANT

14.3. Transport hazard class(es)

ADR-Class: 2,5F Gas
ADR-Label: 2.1
IATA-Class: 2.1
IATA-Label: 2.1
IMDG-Class: 2.1
IMDG-Label: 2.1

14.4. Packing group

N.A.

14.5. Environmental hazards

Marine Pollutant: Marine Pollutant:
Symbol (fish and tree)
Symbol (fish and tree)

Special markings(ADR)

14.6. Special precautions for user

Kemler Number: -
EMS Number: F-D,S-U
Stowage Code SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre:
Category A. For AEROSOLS with a capacity above 1 litre:
Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

Segregation Code

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

ADR

Limited Quantity (LQ) 1L
exempt quantities (EQ) Code: E0
Prohibited to transport in exempt quantities
Code: E0
Prohibited to transport in exempt quantities

Transport Category 2

Tunnel restriction code D

IMDG

Limited Quantity (LQ) 1L
Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity



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Code: E0

Not permitted as Excepted Quantity

UN 1950 AEROSOL, 2.1, DANGEROUS FOR THE ENVIRONMENT

UN "Model Regulation":

SECTION 15: Regulatory information

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

Directive 2012/18 / EU

Specified dangerous substances - ANNEX I None of the components are contained.

Seveso category

P3a FLAMMABLE AEROSOL

E2 Dangerous for the aquatic environment

Limit quantity (tons) for the application of the lower threshold requirements 150 t

Limit quantity (tonnes) for the purpose of applying the upper threshold requirements 500 t

REGULATION (EC) n. 1907/2006 ANNEX XVII Restrictions: 3

National provisions:

Technical air instruction:

Class Share in%

NC 71.4

Additional provisions, limitations and prohibitive decrees

Substances of very high concern (SVHC) under the REACH regulation, Article 57

None of the components is contained.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Gas 1	2.2/1	Flammable gas, Category 1
Aerosol 1	2.3/1	Aerosol, Category 1
Press. Gas	2.5	Gases under pressure
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Irrit. 2	3.2/2	Skin irritation, category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, category 3
Aquatic Chronic 2	4.1/C2	Hazardous to the aquatic environment, chronic toxicity, category 2



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LEGEND:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Not available
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.