 <p>CDI Vallès Productos y Sistemas para la Higiene Profesional</p>	PIRETRIN 100	
	SAFETY DATA SHEET According to Regulation (EC) 1907/2006 and Regulation (EC) 453/2010	
	Code: 55202072 Revision date: 04-03-2016	Version: 11 Page: 1 / 8

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

1.1. Product identifier

Trade Name: PIRETRIN 100

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

Identified uses: Matic natural pyrethrins insecticide
 PC8 : Biocidal Products (e.g. Disinfectants, pest control) Industrial/Professional use
 Reg N°: 15-30-02575 ; 15-30-02575-HA

Uses advised against: You must not use for other purposes other than those described in the product.

1.3. Details of the supplier of the safety data sheet

Supplier: Compañia de Detergentes Institucionales del Vallès, S.L.
 Address: c/Cementiri Nou, 5
 Pl Can Clapés
 08181 Sentmenat (Barcelona)

Telephone number: 93.715.08.08
 Fax: 93.715.08.86
 E-mail address for a competent person responsible for the safety data sheet: comercial@cdivalles.com

1.4. Emergency telephone number

Availability: 93.715.08.08
 L-J 8:30 – 13:30 y de 15:00 – 17:45h; V 7-14h
 Other comments: Teléfono Instituto Nacional de Toxicología: 915 620 420

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008

CLP Classification table		
Hazard Classes/ categories	Hazard statement(s)	M-Factors
Aerosols cat. 1	H222 H229	-
Aquatic Chronic 1	EUH066	
Aquatic Acute 1	H410	


Classification according to directives 67/548/EEC and 1999/45/EC

DSD/DPD Classification table
Categories of danger: Risk Phrases
F+,N:R12,R66,R50/53

Other information : The full text of the R-phrases, indications of danger (H) and additional indications of danger (EUH) can be found in section 16,

Most important adverse physicochemical, human health and environmental effects

Adverse physicochemical effects : See sections 5, 9 and 10.
Adverse human health effects : See sections 4 and 11.
Adverse environmental effects : See sections 6 and 12.

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2.2. Label elements

Labelling according to Regulation (EC) 1272/2008

Signal word

Danger



Hazard statement(s)

H222 Extremely flammable aerosol

H229 Pressurized container: may burst if heated

EUH066 Repeated exposure may cause skin dryness or cracking

H410 Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

P102 Keep out of the reach of children.

P261 Avoid breathing dust spray

P262 Do not get in eyes, on skin, or on clothing

P309+P310+P101 IF exposed or you feel unwell: Immediately call a POISON CENTER or doctor/physician. If medical advice is needed, have product container or label at hand

P273 Avoid release to the environment

P391 Collect spillage

P501 Elimínense el contenido y/o su recipiente de acuerdo con la normativa sobre residuos peligrosos

P210 Keep away from heat/sparks/open flames/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+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Authorisation REACH number(s) : Not applicable

2.3. Other hazards

Compliance with PBT/vPvB criteria : There are no risks in accordance with Regulation 1999/45 of the EC or not classified as PBT or vPvB

Other hazards which do not result in classification : The substance/mixture is not classified as SVHC.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	Content (%)	EC number	CAS Number	Classification Regulation (EC) 1272/2008	Hazard statement(s)*	Classification (Directive 67/548/EEC)*
GLP	50-75	270-990-9	68512-91-4	Flam. Gas 1; Press. Gas	H220	F+; R12
n-decane	15-30	204-686-4	124-18-5	Flam.Liq.3; Asp. Tox. 1	H226; H304; EUH066	Xn; R10-65-66
Butóxido de piperonilo	10.3	200-076-7	51-03-6	Aquatic Chronic 1; Aquatic Acute 1	H400; H410	N; R50/53
Extracto de pelitre	3.34	289-699-3	89997-63-7	Aquatic Chronic 1; Aquatic Acute 1 ;Acute Tox. 4; Asp. Tox.1	H302;H304;H410	Xn,N: R21/22-50/53-65


(*) See the full text of the hazard statements and risk phrases in section 16.

Special Composition

No information available.:

Composition (%) N,P,K... :

No data available

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SECTION 4: First aid measures

4.1. Description of first aid measures

General notes:	If symptoms persists, call a physician.
In case of inhalation:	If symptoms are experienced remove source of contamination or move victim to fresh air. Obtain medical advice.
In case of contact with skin:	No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.
In case of contact with eyes:	Wash thoroughly with water, at least 15 minutes.
In case of ingestion:	If irritation or discomfort occur, obtain medical advice.
Recommendations for first aid responders:	Use suitable protective clothing

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

Most important symptoms and effects, both acute and delayed:	Not determinated
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4.3. Indication of any immediate medical attention and special treatment needed

Indication of any immediate medical attention and special treatment needed:	Not determinated
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Water spray, carbon dioxide, dry chemical powder or appropriate foam. Carbon dioxide
Unsuitable extinguishing media:	For safety reasons do not use full water jet. Water spray

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:	Large fires can produce carbon monoxide and dioxide fumes, in addition to other unidentified toxic gases
Other specific hazards:	Not known.

5.3. Advice for firefighters

Advice for firefighters:	High temperatures can lead to high pressures inside closed containers. Avoid inhalation of fumes or vapors generated .Use suitable respiratory equipment . Do not allow spillage of extinguish fire will be poured into drains or watercourses.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Avoid inhalation of vapors use an appropriate respirator.
For emergency responders:	Eliminate sources of ignition and ventilate the area.

6.2. Environmental precautions

Environmental precautions:	Keep spills out of municipal sewers and open bodies of water.
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6.3. Methods and material for containment and cleaning up

Containment:	Construction of barriers of protection, drains and coating methods.
Cleaning:	Clean up spills immediately. Washing, scrubbing and vacuuming.
Other information:	Do not use brushes or compressed air to clean surfaces or clothing

6.4. Reference to other sections

Reference to other sections:	No information available.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Containment and measures to prevent fire:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Measures to prevent aerosol and dust generation:	Avoid spills and leaks
Measures to reduce the release of the substance or mixture to the environment:	No information available.
Advice on general occupational hygiene:	Keep away from food, drink and animal feedingstuffs. When using do not smoke. Observe the rules of hygiene and safety at work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:	Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges). Store in hermetic recipients, preferably full, in a cool, dry, ventilated area away from sources of heat and direct sunlight. Keep away from the sources of ignition.
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Packaging materials:	Keep away from incompatible materials (see section 10). Prevent access to unauthorized persons. Do not store this material near food or drinking water. Do not open containers under pressure. To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Keep in glass, suitable plastic, aluminum or laquer-lined containers.
Requirements for storage rooms and vessels: Further information on storage conditions: 7.3. Specific end use(s) Recommendations: Industrial sector specific solutions:	Storage Keep container closed after use. Avoid high temperatures and frost. No data available Smoking should not be permitted in work areas. Avoid contact with eyes, skin, and clothing. Wear protective clothing and safety goggles. Avoid contact with eyes, skin, and clothing. Wear protective clothing and safety goggles.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Declaration of substances is not required.

No DNEL data.	
Information on monitoring procedures:	Not available
Currently recommended monitoring methods:	Not available
Specific monitoring standards:	No information available.

There are not data of PNEC
 Control banding approach ("control banding"): Good industrial hygiene practices

8.2. Exposure controls

Appropriate engineering controls:

Appropriate exposure control measures related to the identified use(s) of the substance or mixture:

Structural measures to prevent exposure:	No information available.
Organisational measures to prevent exposure:	No information available.
Technical measures to prevent exposure:	No information available.

8.2.2. Individual protection measures, such as personal protective equipment

Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
Hand Protection:	Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Others:	Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeslids and protective clothing.
Respiratory protection:	In case of insufficient ventilation, use suitable respiratory equipment.
Thermal hazards:	In the case of brief exposure, use a device filter. Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eyeslids and protective clothing.


8.2.3. Environmental exposure controls

Appropriate exposure control measures related to the identified use(s) of the substance or mixture:	No information available.
Structural measures to prevent exposure:	No information available.
Organisational measures to prevent exposure:	No information available.
Technical measures to prevent exposure:	No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Aerosol 520 mL
Odour:	Not applicable (*)
Odour threshold:	Not applicable (*)
pH:	Not applicable (*)
Melting point/freezing point:	Not applicable (*)
Initial boiling point and boiling range:	Not applicable (*)
Flash point:	<50 °C
Evaporation Rate:	Not applicable (*)
Flammability (solid, gas):	Not applicable (*)

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Upper/lower flammability or explosive limits:	Not applicable (*)
Vapour pressure:	Not applicable (*)
Vapour density:	Not applicable (*)
Relative density:	Not applicable (*)
Solubility(ies):	Not applicable (*)
Partition coefficient: n-octanol/water:	Not applicable (*)
Auto-ignition temperature:	Not applicable (*)
Decomposition temperature:	Not applicable (*)
Viscosity:	Not applicable (*)
Explosive properties:	Not applicable (*)
Oxidising properties:	Not applicable (*)
9.2. Other information	
Other information:	Not applicable (*)

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available

10.2. Chemical stability

Chemical stability: No information available.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: No data available

10.4. Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

10.5. Incompatible materials

Incompatible materials: If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

10.6. Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Mixtures		Method	Species	PATHEXP	Dose	TEXPO	Results
Acute toxicity	Acute toxicity (ingestion):	No conclusive evidence					
	Acute toxicity (inhalation):	In view of the available data, the classification criteria are not met.					
	Acute toxicity (dermal):	No conclusive evidence					
Irritation:		No conclusive evidence					
Corrosivity:		No conclusive evidence					
Sensitisation:		No conclusive evidence					
Repeated dose toxicity:		No conclusive evidence					
CMR effects (carcinogenic, mutagenicity and toxic for reproduction):		Data inconclusive.					
Mutagenicity:		Data inconclusive.					
Toxicity for reproduction:		Data inconclusive.					

Information on likely routes of exposure:	There is no evidence of symptoms associated with this substance/mixture
Additional phrases:	No data available
Delayed and immediate effects as well as chronic effects from short and long-term exposure:	No information available.
Interactive effects:	No information available.
Other information:	No information available.


SECTION 12: Ecological information

12.1. Toxicity

There are not ecotoxicity data

12.2. Degradability

Abiotic Degradation: No information available.

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Physical- and photo-chemical elimination:	No information available.
Biodegradation:	No information available.
Other processes:	No information available.
12.3. Bioaccumulative potential	
Partition coefficient n-octanol /water (Kow):	No information available.
Bioconcentration factor (BCF):	No information available.
12.4. Mobility in soil	
Known or predicted distribution to environmental compartments:	No information available.
Surface tension:	No information available.
Adsorption/Desorption:	No information available.
12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment:	No information available.
12.6. Other adverse effects	
Other adverse effects:	See also Sections 6, 7, 13 and 15 Do not allow the material to enter streams, sewers or other waterways.
Environmental fate:	No information available.
Photochemical ozone creation potential:	No information available.
Ozone depletion potential:	No information available.
Endocrine disrupting potential:	No information available.
Global warming potential:	No information available.
12.7. Other information	
Other information:	No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of waste treatment of both substance or mixtures:	No information available.
Appropriate methods of waste treatment of contaminated packaging:	The elimination will be followed according to local, State or national provisions. Either by incineration or recycling.
Waste codes / waste designations according to LoW:	No information available.
Appropriate methods of waste treatment of both substance or mixtures:	No information available.
Appropriate methods for the elimination of contaminated packaging:	No information available.
Special precautions:	No information available.
Community/national/regional provisions relating to waste management:	No information available.
Community/national/regional provisions relating to waste:	Dispose of in accordance with all federal, state and local environmental regulations.


SECTION 14: Transport information

Land Transport (ADR/RID)

UN Number:	UN1950
Proper Shipping Name:	Flammable Aerosols
Class:	2



ADR/RID Classification:	5F
Packing group:	-
Label:	2.1
Special Provisions:	P001,IBC03,LP01,R001
Limited Quantities:	1 L
Packing Instructions:	P003,LP02
Special Packing Provisions:	-
Hazard identification number:	-

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Sea Transport (IMDG)

Marine Pollutant:	Yes
UN Number:	UN1950
Packing group:	5F
Proper Shipping Name:	Flammable Aerosols
Class:	2
Label:	2.1
EmS Guide:	F-D,S-U Cat A

SECTION 15: Regulatory information

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

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


EU regulations	
Use authorizations:	No information available.
Use restrictions:	No information available.
Other EU regulations:	No information available.
Information on emission of volatile organic compounds (VOC):	No information available.
National regulations:	No information available.

15.2. Chemical safety assessment

Chemical safety assessment:	The provider has failed to conduct an assessment of chemical safety for this substance/mixture
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SECTION 16: Other information

Changes to the previous version:	Format adaptation to the REACH Regulation amendment, the Regulation (EC) 453/2010.
Abbreviations and acronyms:	<p>SDS: Safety Data Sheet</p> <p>OEL: Occupational Exposure Limit</p> <p>NACE: Nomenclature Générale des Activités Économiques dans les Communautés Européennes (French, EU classification system)</p> <p>TRGS: Real Time Gross Settlement</p> <p>OECD: Organisation for Economic Co-operation and Development</p> <p>PBT: Persistent, Bioaccumulative and Toxic</p> <p>vPvB: Very Persistent and very Bioaccumulative</p> <p>DNEL: Derived non-effect level</p> <p>PNEC: Predicted non-effect concentration</p> <p>LC50: Lethal concentration 50%</p> <p>LD50: Lethal dose 50%</p> <p>NOEL: Non-observed effect level</p> <p>NOAEL: Non observed adverse effect level</p> <p>NOAEC: Non observed adverse effect concentration</p> <p>SVHC: Substances of Very High Concern</p> <p>REACH Registraton dossier and database of registered substances on the European Chemicals Agency (ECHA).</p>
Key literature references and sources for data:	REACH Registraton dossier and database of registered substances on the European Chemicals Agency (ECHA).
Indication of which of the methods of evaluating information referred to in Article 9 of Regulation (EC) No 1272/2008 was used for the purpose of classification:	No information available.
Relevant R phrases, hazard statements, safety phrases and/or precautionary statements:	<p>Substance/mixture is not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC</p> <p>Hazard statement(s)</p> <p>H220: Extremely flammable gas</p> <p>H226: Flammable liquid and vapour.</p> <p>H302: Harmful if swallowed</p> <p>H304: May be fatal if swallowed and enters airways</p> <p>H400: Very toxic to aquatic life</p>

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Labelling according to directives 67/548/EEC and 1999/45/EC

Symbol(s) of danger - Indication(s) of danger

F+: Extremely flammable

N: Dangerous for the environment



Risk Phrases

R12 Extremely flammable.

R50/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking

Safety phrases

S2 Keep out of the reach of children

S13 Keep away from food, drink and animal foodstuffs.

S23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer)

S24/25 Avoid contact with skin. Avoid contact with eyes.

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

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

S60 This material and its container must be disposed of as hazardous waste

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

Advice on any training appropriate for workers: No information available.

Other information:

This information is based on the knowledge we have so far. This SDS refers exclusively to this product. All chemical substances in this product have been reported or are exempt from notification under notification to the EC laws. Information in this SDS is based on the available published sources and is believed to be accurate. No warranty, express or implied, is made and our company assumes no liability resulting from the use of this MSDS. The user must determine suitability of this information for his application. The specifications of this safety data sheet describes the safety requirements of our product, this is not a guarantee of characteristics. They are based on current state.