

## REPELENTE CANE/GATTO P.U.

### Safety Data Sheet dated 4/8/2011, version 1

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#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Mixture identification:

Trade name: REPELENTE CANE/GATTO P.U.

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

1.3. Details of the supplier of the safety data sheet

Company:

I.R.C.A. SERVICE SpA strada statale cremasca 591 N° 10 24040 Fornovo S. Giovanni (BG)

Competent person responsible for the safety data sheet:

info@ircaservice.com

1.4. Emergency telephone number

I.R.C.A service SpA tel +39 0363337250 fax +39 0363 337242

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#### 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

This product is not a hazardous article and need not be labelled according to EC Directive 67/548, 99/45 as amended.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Special Provisions:

Safety data sheet available for professional user on request.

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

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#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and corresponding classification:

None.

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#### 4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:  
None

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## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### 6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

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## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

None in particular

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

None.

### 8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

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No special precaution must be adopted for normal use.  
Protection for hands:  
Not needed for normal use.  
Respiratory protection:  
Not needed for normal use.  
Thermal Hazards:  
None  
Environmental exposure controls:  
None

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

|   |                |
|---|----------------|
| Appearance and colour:                        | Liquid - White |
| Odour:  | N.A.           |
| Odour threshold:                              | N.A.           |
| pH:   | c.a. 7         |
| Melting point / freezing point:               | N.A.           |
| Initial boiling point and boiling range:      | N.A.           |
| Solid/gas flammability:                       | N.A.           |
| Upper/lower flammability or explosive limits: | N.A.           |
| Vapour density:                               | N.A.           |
| Flash point:                                  | N.A.           |
| Evaporation rate:                             | N.A.           |
| Vapour pressure:                              | N.A.           |
| Relative density:                             | c.a. 1 Kg/l    |
| Solubility in water:                          | N.A.           |
| Lipid solubility:                             | N.A.           |
| Partition coefficient (n-octanol/water):      | N.A.           |
| Auto-ignition temperature:                    | N.A.           |
| Decomposition temperature:                    | N.A.           |
| Viscosity:                                    | N.A.           |
| Explosive properties:                         | N.A.           |
| Oxidizing properties:                         | N.A.           |

#### 9.2. Other information

|                                      |      |
|--------------------------------------|------|
| Miscibility:                         | N.A. |
| Fat Solubility:                      | N.A. |
| Conductivity:                        | N.A. |
| Substance Groups relevant properties | N.A. |

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### 10. STABILITY AND REACTIVITY

- 10.1. Reactivity  
Stable under normal conditions
- 10.2. Chemical stability  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
None
- 10.4. Conditions to avoid  
Stable under normal conditions.
- 10.5. Incompatible materials  
None in particular.
- 10.6. Hazardous decomposition products  
None.

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### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

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The product does not contain toxicologically relevant substances.

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### 12. ECOLOGICAL INFORMATION

#### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

List of substances dangerous for the environment and corresponding classification:

0.1% - 1% PREVENTOL D6

R51 Toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.

#### 12.2. Persistence and degradability

None

#### 12.3. Bioaccumulative potential

N.A.

#### 12.4. Mobility in soil

N.A.

#### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

#### 12.6. Other adverse effects

None

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### 13. DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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### 14. TRANSPORT INFORMATION

#### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

#### 14.2. UN proper shipping name

N.A.

#### 14.3. Transport hazard class(es)

N.A.

#### 14.4. Packing Group

N.A.

#### 14.5 Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

#### 14.6. Special Precautions for User

N.A.

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

N.A.

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### 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP), Regulation (CE) n. 790/2009 (1° ATP CLP), Regulation (EU) n. 453/2010 (Annex I).

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

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Regulation (EC) nr 648/2004 (detergents).  
1999/13/EC (VOC directive)  
15.2. Chemical Safety Assessment  
No

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### 16. OTHER INFORMATION

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU. This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

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|-------------|--|
| 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.                                      |
| 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.  |
| TWATLV:     | Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).    |
| WGK:        | German Water Hazard Class.   |