

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date: 23.09.2019

Version number 2

Revision: 26.10.2019

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

1.1 Product identifier

Trade name: PRIME INSECT FREE 250ml

Registration number: Substances contained in the mixture have already (pre)-registered by the suppliers.

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

No relevant identified uses-mixture of substances.

Application of the substance / the mixture:

Insecticide to control flies, mosquitoes and phlebotomine for indoor use.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Prime Solutions

2 Deligiorgi str.

174 56, Alimos, Greece

Tel.: +30 2109902641

Fax: +30 2109945660

e-mail: info@primesolutions.gr

website: www.primesolutions.gr

1.4 Emergency telephone number:

Poisoning Centre in Athens, Greece

Phone: +30 2107793777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation EC No 1272/2008 CLP:



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation EC No 1272/2008 CLP:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS02 GHS09

Signal word: Danger

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Hazard statements:

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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.

P273 Avoid release to the environment.

P403+P235 Store in a well-ventilated place. Keep cool.

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification according to Directive 75/324/EEC (ADD) and its amendments:

The product is classified according to the Directive 75/324/EEC (AAD) and its amendments, because its an aerosol dispenser product.

Classification system:

The classification of the product is according the European Chemicals Agency index, but it is also based to additional scientific bibliography and company data.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.






vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Aerosol

Ingredients according Regulation (EU) 830/2015:

CAS: 68476-40-4 EINECS: 270-681-9 Index number: 649-199-00-1 REACH 01-2119486557-22-XXXX	Hydrocarbons, C3-4, < 0.1 % EC 203-450-8 Flam. Gas 1, H220; Press. Gas C, H280 	50-100%
CAS: 64741-65-7 EINECS: 265-067-2	Hydrocarbons, C10-C12, isoalkanes, <2% aromatics  Flam. Liq. 3, H226;  Asp. Tox. 1, H304; Aquatic Chronic 4, H413	10-<25%
CAS: 51-03-6 EINECS: 200-076-7	2-(2-butoxyethoxy)ethyl 6-propylpiperonylether  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	10-<25%
CAS: 1166-46-7 EINECS: 214-619-0	d-tetramethrin  Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)	0.25- 2.5%

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Involve doctor immediately.

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Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Seek medical treatment.

Supply fresh air.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Wash contaminated clothing thoroughly.

In case of skin irritation, consult a physician.

After eye contact:

Rinse opened eye for at least 15 minutes under running water.

Avoid strong water jet-risk of cornea damage, consult a doctor.

After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Do not induce vomiting; call for medical help immediately.

Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

CO₂, foam, extinguishing powder, water spray

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Mouth respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Keep adjacent containers cool by spraying with water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Particular danger of slipping on leaked/spilled product.

Ensure adequate ventilation.

Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Avoid contact with skin, eyes and clothing.

Keep away from heat and direct sunlight.

Observe the general safety regulations when handling chemicals.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

Prevent any seepage into the ground.

Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

68476-85-7 Petroleum gases, liquefied

WEL (Great Britain) Short-term value: 2180 mg/m³, 1250 ppm

Long-term value: 1750 mg/m³, 1000 ppm

Carc (if LPG contains > 0.1% of buta-1.3-diene)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Do not eat or drink while working.

Respiratory protection:



Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:



Protective gloves

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Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye protection:



Safety glasses

Body protection:



Boots

SECTION 9: Physical and

chemical properties

9.1 Information on basic

physical and chemical properties

General Information

Aerosol brown to red

Appearance:

Characteristic of the perfume

Form:

Not determined

Colour:

Odour:

Odour threshold:

pH value:

Not determined

Melting point/freezing point:

Not determined

Initial boiling point and boiling range: Not applicable

Flash point:

Not applicable

Flammability (solid, gas):

Not applicable

Auto-ignition temperature:

Not determined

Decomposition temperature:

Not determined

Auto-ignition temperature:

Product is not selfigniting.

Explosive properties:

Not determined.

Explosion limits:

Lower:

Not determined

Upper:

Not determined

Oxidising properties

Not considered as oxidising.

Vapour pressure:

Not determined

Density:

Not determined

Relative density

Not determined

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Vapour density	Not determined
Evaporation rate	Not applicable
Solubility in / Miscibility with water:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Stable under normal conditions

10.2 Chemical stability Material is stable under normal conditions.

Thermal decomposition / conditions to be avoided

To avoid thermal decomposition do not overheat.

Stable at environment temperature.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

The product should not be exposed to high temperatures, sparks, flame and electrostatic charges.

10.5 Incompatible materials Strong oxidising agents

10.6 Hazardous decomposition products No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:
ATE (Acute Toxicity Estimates)

Oral	LD50	>101,010 mg/kg (rat)
Dermal	LD50	>12,114 mg/kg
Inhalative	LC50/4 h (vapour)	>24.2 mg/l (rat)

51-03-6 2-(2-butoxyethoxy)ethyl 6-propylpiperonylether

Oral	LD50	4,570 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	>5.9 mg/l (rat)

1166-46-7 d-tetramethrin

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4h (dusts and mists)	1.18 mg/l (rat)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

51-03-6 2-(2-butoxyethoxy)ethyl 6-propylpiperonylether

EC50-48h 0.51 mg/l (daphnia magna)

1166-46-7 d-tetramethrin

EC50-48h 0.11 mg/l (daphnia magna)

LC50-96h 10 mg/l (fis)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Very toxic for fish

Additional ecological information:

General notes:

Toxic for aquatic organisms

Also poisonous for fish and plankton in water bodies.

The product contains materials that are harmful to the environment.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

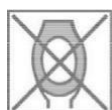
SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

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Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA

UN1950

14.2 UN proper shipping name

ADR

1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS

IMDG

AEROSOLS (d-tetramethrin, Hydrocarbons, C10-C12, isoalkanes, <2% aromatics), MARINE POLLUTANT

IATA

AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR



Class

2 5F Gases.

Label

2.1

IMDG



Class

2.1

Label

2.1

IATA



Class

2.1

Label

2.1

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Environmental Hazardous

Product contains environmentally hazardous substances: 2-(2-butoxyethoxy)ethyl 6-propylpiperonylether

Marine pollutant:

Yes

Symbol (fish and tree)

Special marking (ADR):

Symbol (fish and tree)

14.6 Special precautions for user

Warning: Gases.

Danger code (Kemler):

-

EMS Number:

F-D,S-U

Stowage Code

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre:

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Segregation Code

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.

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

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

Transport category

2

Tunnel restriction code

D

IMDG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

UN "Model Regulation":

UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2015/830

CLP Regulation 1272/2008/EC

Constituents of the mixture that fall within the scope of REACH Regulation 1907/2006/EC, have been (pre)-registered.

The product is classified according to the Directive 75/324/EEC (AAD) and its amendments, because its an aerosol dispenser product.

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

Seveso category

E1 Hazardous to the Aquatic Environment

P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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National regulations:
Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment:

Has been performed for the main ingredients of the product.

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H220 Extremely flammable gas.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Department issuing SDS:

Prime Solutions

Greece Tel: +30 210 9902641

Fax: +30 210 9945660

e-mail: info@primesolutions.gr

web site: www.primesolutions.gr
Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Press. Gas C: Gases under pressure – Compressed gas

Flam. Liq. 3: Flammable liquids – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

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