1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY*

Product/substance name  BIOMITE
Product / substance use  Insecticide
Supplier  Natural Plant Protection SAS
          Arysta LifeScience group
          BP 80 Route d'Artix
          64150 Noguères - France
          Tel. : + 33 (0)5 69 84 10 45
          Fax. : + 33 (0)5 69 71 78 10
          Contact : fds@goemar.com
          Web Site : http://www.goemar.com

Emergency telephone number
          Toxico vigilance  + 33 (0)2.99.19.19.19 (business hours).
          Transport accident  + 33 (0)2.99.19.19.19 (business hours).
          Treatment center for poisoning cases  + 33 (0)1.40.05.48.48 (PARIS)

Other emergency numbers

2 - HAZARDS IDENTIFICATION

Physical and chemical hazards

Health hazards  Irritating to eyes
          May cause sensitization by skin contact
          Toxic to aquatic organisms, may cause long term adverse effects in aquatic environment

Environmental hazards  Dangerous for the environment

Others hazards

3 - COMPOSITION/INFORMATIONS ON INGREDIENTS*

Chemical information:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS Number</th>
<th>EINECS and EC numbers</th>
<th>Classification</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geraniol</td>
<td>106-24-1</td>
<td>203-225-4</td>
<td>Xi - R38 - R41 - R43</td>
<td>0.42</td>
</tr>
<tr>
<td>Citronellol</td>
<td>106-22-9</td>
<td>203-375-0</td>
<td>Xi - N - R38 - R43 - R51/53</td>
<td>0.42</td>
</tr>
<tr>
<td>Nerolidol</td>
<td>7212-44-4</td>
<td>230-597-5</td>
<td>N - R50/53</td>
<td>0.42</td>
</tr>
<tr>
<td>Farnesol</td>
<td>4602-84-0</td>
<td>225-004-1</td>
<td>Xi - R36/38 - R43</td>
<td>0.17</td>
</tr>
</tbody>
</table>

For the complete text of R sentences, please refer to chapter 16.

* paragraph modified at last update
4 - FIRST AID

In general
Remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from chilling. Do not administer anything by oral route and do not try to make vomit, call a treatment center for poisoning cases or a doctor. Take the label where possible.

After Inhalation
Immediately remove to fresh air. Call a doctor immediately.

After eye contact
Rinse immediately and thoroughly with plenty of water during at least 10 to 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if pain or redness persists.

After skin contact
Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water.

After Ingestion
Call a doctor immediately and show the label.
Do not induce vomiting.

Medical instructions
Treat symptomatically

5 - FIRE-FIGHTING MEASURES

Extinguishing means
Water spray, foam, dry chemical powder.

Unsuitable extinguishing means
Water jet.

Special exposure hazards
By thermal decomposition, possibility of formation of toxic gases (Nitrogen oxide, carbon oxide,).

Particular protective measures
Intervention personnel should wear mask and individual respiratory equipment.
Retain water or extinguishing media and eliminate safely.

6 - ACCIDENTAL RELEASE MEASURES

Personal protection
Wear protective adapted equipment and take back non protected people.
Withdrawal combustion and ignition sources and block bringing in oxygen (ventilation).

Environmental protection
Avoid sewage, surface water, ground water and soil contamination.
Retain spilled liquids and collect them with sand or other absorbent inert material (sepiolite).
Absorbent inert material stocks have to be sufficient to face reasonably predictable spillage.
Keep sewers from potential spillage to minimize pollution hazards.
Do not throw washing waters into sewers.
Contact competent authorities when a situation cannot be controlled rapidly and efficiently.

* paragraph modified at last update
In the case of spillage into water, stop dispersion of the product with adequate barrier.

Methods for cleaning up
Collect contaminated products on the surface concerned, transfer to closed drums before sending in a specialized incineration treatment center.
Wash the contaminated surface with water and collect washing waters for treatment.
Cover the contaminated zone using absorbent materials such as sand or sepiolite.
See section 8 for personal protection and section 13 for disposal considerations.

Particular points

7 - HANDLING AND STORAGE

Handling
Do not eat, drink or smoke when using.
Wear appropriate protective clothes, adequate gloves (nitril), glasses or mask.
Avoid all contact of skin, eyes or clothes with new or old product.
Respect good hygienic body conditions and cleanliness of the working area.
Wash hands abundantly after handling.
Do not wash working clothes with household linen.

Storage requirements
Store in a well closed container, in a fresh and well ventilated place.
Store under cover, in an appropriate room, away from heat and sources of fire, at temperature <35°C.
Keep away from food, drink and animal feedingstuffs.
Do not store in room at temperature below −5°C

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

General measures
When using refer in priority to information written on the label.

Exposure limits
Not defined

Control of professional exposure

Respiratory protection
Preferably wear a mask covering all face with filter appropriate to organic vapor, powder or aerosol. A.P. Type filters.

Hand protection
Preferably wear a mask, a face screen or protective glasses.

Eyes protection

Skin protection
Wear appropriate protective clothes, covering all parts of the body.

Control of environment exposure
Respect European and National Regulations in term of environment

* paragraph modified at last update
9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid Light brown</td>
</tr>
<tr>
<td>Odour</td>
<td>Pleasant odor of aromatic compound</td>
</tr>
<tr>
<td>pH</td>
<td>5-6</td>
</tr>
<tr>
<td>Boiling point / range</td>
<td>N.A.</td>
</tr>
<tr>
<td>Flash point</td>
<td>66 °C</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Explosives properties</td>
<td>Risks of explosion almost none in the recommended conditions of storage see point 7. Real risk in case of fire or accumulation of the emanations</td>
</tr>
<tr>
<td>Combustives properties</td>
<td>N.A.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Negligible</td>
</tr>
<tr>
<td>Relative density</td>
<td>NDA</td>
</tr>
<tr>
<td>Solubility</td>
<td>- Water: Readily miscible in water</td>
</tr>
<tr>
<td></td>
<td>- Organic solvents</td>
</tr>
<tr>
<td>Hydrosolubility</td>
<td></td>
</tr>
<tr>
<td>n-octanol/water coefficient</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>37 cSt</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>NDA</td>
</tr>
<tr>
<td>Other information</td>
<td></td>
</tr>
</tbody>
</table>

10 - STABILITY AND REACTIVITY

- Conditions to avoid: Avoid storage at temperature > 35°C in a confined place.
- Materials to avoid: Avoid contact with strong oxidant and strong reducing agent.
- Hazardous decomposition products: See point 5.

11 - TOXICOLOGICAL INFORMATION

Acute toxicity
- by ingestion (rat): LD₅₀: 5242 mg/kg (male; 3573 mg/kg (female))
- by skin contact (rabbit): LD₅₀: 5050 mg/kg (male and female)
- by inhalation (rat): LC₅₀ (4 h) > NDA
- Skin irritation (rabbit): Not irritant to the skin
- Eye irritation (rabbit): Moderately irritant to the eye
- Skin sensitization (guinea-pig): Very slightly sensitizing to the skin

Subchronic toxicity: NDA

Chronic toxicity
- Carcinogenicity: NDA
- Teratology: NDA
- Reproduction: NDA

* paragraph modified at last update
(development and fertility)

Mutagenicity effects          NDA

Other

12 - ECOLOGICAL INFORMATION

Ecotoxicity
Toxicity for aquatic organism
(acute and chronic)          Toxic to aquatic organisms
EC50 (48 h) daphnia = NA
EC50 (72 h) algae = NA
EC50 (7 d) aquatic plant = NA

Toxicity for birds
LD50 bird = NA

Toxicity for bees
LD50 oral > NA
LD50 contact = NA

Toxicity for soil
micro-organisms and macro-organisms

Mobility
Persistance and degradability          Readily biodegradable
Potentiel of bioaccumulation
Results of PBT evaluation

Other harmful effects

13 - DISPOSAL CONSIDERATIONS

Product/packaging
Disposal of important amounts must be made by duly authorized specialists.
Incineration should be made in authorized and specialized plant.
Eliminate the product and its packaging with care and in a responsible way.
Do not throw near ponds, rivers, ditches or into sewers.
Wash contaminated surfaces with water and collect washing waters for treatment.
Make sure that local Regulations are respected.
For more information, contact your usual salesman or the Worldwide Bank to 1-202-458-2841.

Washing products
Do not throw into sewer. Do not contaminate natural waters.
Clean up application materials on the treated area and eliminate waters by spraying on one area.

14 - TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT

* paragraph modified at last update
15 – REGULATORY INFORMATION

Labelling according to 67/548/CE, 2003/82/CE and 99/45/CE modified Directives and national regulation

Labelling according to WHO guidelines

Product unlikely to present a hazard in normal use

N: Dangerous for the environment

Risk phrase(s)

R36 : Irritating to eyes
R43 : May cause sensitization by skin contact
R51/53 : Toxic to aquatic organisms, may cause long term adverse effects in aquatic environment

Safety phrase(s)

S24/25 : Avoid contact with skin and eyes
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S29 : No not empty into drains
S37 : Wear suitable gloves
S46 : If swallowed, seek medical advice immediately and show this container or label
S57 : Use appropriate container to avoid environment contamination

Other prescriptions

To avoid risks to man and the environment, comply with the instructions for use. (Directive 1999/45/EC, Article 10, n° 12)

Storage classification (ICPE): 1173

16 – OTHER INFORMATION*

R phrases text of dangerous substances (written in chapter 3):

R38: Irritating to skin
R41: Risk of serious damage to eyes
R43: May cause sensitization by skin contact
R36/38: Irritating to eyes and skin
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

This MSDS completes technical use sheets but does not replace them. Information herein is based on our present knowledge concerning the product, at the edition date. It is honestly given.
The attention of users is drawn to potential risks taken when the product is used for other uses than those for which it is made.
The user has to know and comply with all regulations concerning its activity.
It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

* paragraph modified at last update
The aim of all the regulations mentioned is to help the person concerned to comply with the rules which are his own responsibility. This listing cannot be considered as exhaustive. The person concerned has to make sure that he has no other obligations due to texts specific to particular applications.

* paragraph modified at last update