



Safety data sheet

In compliance to 2015/830/UE

Compilation date: September 9th
2020

SECTION1: Identification of the product and company

1.1 Identification of the product

FUMOND TALPE

Product code: REP100

1.2 Relevant uses and uses advice against of the product

Relevant uses: pyrotechnical item with fumigant effect to treat the tunnels made by moles and other ground rodents

uses advice against: all the uses not mentioned in the safety information on the sheet inside the sales packaging

Category P1 Firework as indicated in Directive 2013/29/UE, 1008-P1-69258788, with very low risk potential and negligible sound level, outdoor use only, following the instructions on the sheet in each sales packaging.

1.3 Safety data sheet supplier

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1.4 Emergency phone number:

Emergency phone number (during office time): +39 0558431935

EUROPEAN POISON CENTERS:

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Belgium	Tel +32022649636
Bulgaria	Tel +359 2 9301214
Croatia	Tel +38514686910
Cyprus	Tel +35722405611
Czech Republic	Tel +420 267 082 236
Denmark	Tel +45 72 54 40 00
Estonia	Tel +372 794 3500
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Liechtenstein	Tel +43 1 406 68 98
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Luxembourg	Tel +320 22649636
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SECTION 2: Hazard identification

2.1 Product classification

Classification according to Regulation (CE) n. 1272/2008

H204 Fire or projection hazard

2.2 Label elements

Labelling according to Regulation (CE) n. 1272/2008

The pyrotechnic item is labelled according to CLP Regulation

Hazard pictograms



GHS07

Warning Attention

Hazard indications

H204 - Fire or projection hazard

Safety advices

P102 - Keep out of reach of children

P103 - Read label before use

P210 - Keep away from heat/sparks/open flames/hot surfaces – No smoking

P232 - Protect from moisture

P370 + P380 - In case of fire: evacuate area

P372 - Explosion risk in case of fire

P373 – Do not fight fire when fire reaches explosives

2.3 More risks

No risk of mass explosion. Extremely low risk of explosion in case of initiation

Effects remain confined and no projection of fragments of appreciable size or range is to be expected. This product doesn't contain PBT or vPvB substances.

SECTION 3: Composition / informations on ingredients

3.1 Substances

The item contains a substances combination to produce a smoke effect as a consequence of self-sustaining exothermic chemical reactions, as reported in annex to "certificato di esame UE del tipo / modulo B" n° PB 69258788 0001 according to Annex 2 of Direttiva 2013/29/UE.

COMPOUND	ONU / ADR CLASSIFICATION	CONCENTRATION	DANGER	CAS NUMBER
Potassium nitrate	5.1 - 1486	1,265 gr. - 12,525 %	Oxidiser- H272	7757-79-1
Sulphur	4.1 - 1350	2,720 gr. - 26,931 %	Irritant - H315	7704-34-9
Vegetable charcoal	-	0,112 gr. - 1,109 %	-	7440-44-0
Barium nitrate	5.1 - 1446	5,500 gr. - 54,455 %	Oxidiser- H272	10022-31-8
Mg + Al Alloy	4.3 - 1418	0,003 gr. - 0,030 %	Flammable - H228	7439-95-4
Maize starch (dextrin)	-	0,500 gr. - 4,950 %	-	9004-53-9
Paper/cardboard containers		They do not contain substances classified as dangerous for health according to 1272/2008/CE.		

3.2 Mixtures

Not applicable.

SECTION 4: FIRST AID MEASURES

4.1 First aid measures description

Inhalation

In case of distress due to fume inhalation, move the subject from the source of exposure and let him/her breathe fresh air. If the distress persists, see a doctor.

Eye contact

In case of irritation due to burning smoke, wash with water for at least 10 to 15 minutes, remove contact lenses if any, if the situation let it do it easily. If inside the eyes there are some dust particles, do not scratch because the abrasion can cause damage to the eye cornea. If the distress persists, immediately see a doctor to evaluate the conditions and the appropriate treatment to apply.

Burn

In case of light/ superficial thermal burn, cool down the injured area. Keep the burned area under running water for at least 5 minutes, or till the pain stops. Avoid a general hypothermia. Do not use ice on the area. Do not try to remove the clothes stuck to the burned skin area but cut the outlines. In case of deep and serious burn, go immediately to a hospital.

Ingestion

In case of ingestion see immediately a Doctor

4.2 Major symptoms with acutes and/ or delayed effects

Not applicable

4.3 Indications of the needing to see immediately a Doctor and/ or special treatments

Not applicable

SECTION 5: Fire safety measures

5.1 Extinguish appliances

Appropriate extinguish appliances

Water, chemical powders, foam. Do not use water and foam at the same time on the same surface because the water destroys the foam.

Not appropriate extinguish appliances

Carbon dioxide (CO₂)

5.2 Special hazard related to the product

Evacuate the surrounding area: low risk of explosion and projection

If the packaging is already deteriorated by the fire, the effect of explosion or / and projection has a limited range, so that it will not stop the fire extinguishing or any other emergency operation close to the item.

5.3 Indications for the extinguish fire operators

The operators must work upstream, wearing appropriate protective clothing and protections for the respiratory tracks because the combustion can cause the giving off of toxic gas.(self breathing machines or filtered masks like ABEK)

SEZIONE 6: measures in case of leakage / accidental release

6.1 Personal precautions, protective equipments and procedures in case of emergency

In case some item comes out from the main packaging, do not need to follow particular cautions, just avoid explosion to fire, heat and any other sources of ignition. In case the packing is broken, fix it with adhesive tape. In case the items are broken, with leaking of pyrotechnics material, pick up the leaked material using spark proof tools.

Operate with great care avoiding frictions and exposure to fire. Be sure there are no ignition sources: in case, immediately pour water on the leaked materials/ powders, to avoid the ignition. Set nearby appropriate fire safety equipments while picking up leaked materials.

6.2 Environmental precautions

Avoid the leaked product to reach sewages or natural environment (channels, lakes, pools or ground waters) If it happens, alert the authorities.

6.3 Methods and materials to contain and dispose

When necessary, inert the leaked material (leaked from the item) by moistening it using water.

Pick up the leaked product with spark proof tools.

Move the product and other contaminated objects using suitable disposal boxes and give them to specialized companies, professional in disposal of fireworks materials.

6.4 References to other sections

Not applicable.

6.5 More information

Previously suggested measures are based on the most probable leaking scenarios

Local conditions (leaked quantity, kind, wind, waves and streams speed) can strongly influence on the choice of the actions. So if it needs, consult local experts.

In some cases, when there may be dangerous quantities of leaked material, it can be needed to use additional or special actions, like restrictions on access, use of special personal protective equipment, special procedures and staff training. Please note that in these cases the suitable procedure must be chosen on a case by case basis

SECTION 7: Handling and storing

7.1 Indications for a safe handling

Keep away from heating/ sparks/lames/ hot surfaces/ ignition sources. Check also the nearby safety about the same sources.

Do not smoke while handling the product. Avoid shocks and falls.

Use the product following the users indications reported on it and according to the existing rules. Be sure to have available extinguish tools.

Do not open the packaging during the transportation.

Nearby the user must be as less people as possible.

7.2 Conditions for a safe storage

Smoking ban in the places where the product is stored. Avoid exposure to heat, free flames, sparks and ignition sources.

Store in its original packaging in cool and dry place. Keep the boxes closed and labelled.

Do not crush, hurt or let the boxes fall down.

Follow the national existing legislation on the subject

Do not store together with flammable or oxidant products.

Keep in a dry place following the national existing legislations about the stockable quantities

7.3 Specific end uses

Pyrotechnical item for the treatment of the tunnels dug by moles or other ground rodents, to be used following the user instructions that can be found on the paper inside each selling unit.

SECTION 8: Exposure control. Individual protection

8.1 Control parameters

Exposure to the product do not generate any special risk. The product in normal state do not let any material leak.

8.2 Exposure controls

To use this item do not need to use personal protecting equipment: follow the user instructions on the labels.

Please note the changing of the wind direction in order to avoid to inhale the smoke, for both the user or third persons. Inhalation can cause irritation to the respiratory track.

8.3 Controls about environmental exposure

Being the item not dangerous for the environment, there is no need to use special control measures.

SECTION 9: Physical and chemical properties

9.1 Informations about physical and chemical properties

Not applicable for the intact item, in case of not intact state, refer to section 6

9.2 More informations

Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

The product has no reactivity dangers with other substances when used in standard conditions

10.2 Chemical stability

The product is stable in normal environment and in standard temperature and pressure conditions, during stock and handling.

10.3 Dangerous reactions hazard

Not applicable

10.4 Situations to avoid

Exposure to flames, sparks and heat sources

Please note the changing of the wind direction in order to avoid to inhale the smoke, for both the user or third persons.

After use, wait at least 15 minutes before getting close to remove the residual of the item.

10.5 Incompatible materials

Water and other liquids

10.6 Dangerous decomposition products

Combustion can generate carbon monoxide and dioxide, nitric oxide, sulphur dioxide.

SECTION 11: Toxicological informations

11.1 Informations about toxicologicals effects

Normal product handling does not generate any risk

The substances inside the pyrotechnical item are closed in the inside shell

The item can not cause damages to the people because of barium nitrate.

In case of contact with the item substances, wash deeply the exposed parts of the body.

SECTION 12: Ecological informations

12. Ecological informations

Avoid to release the product in the environment. If necessary, please follow the instructions at section 6

12.1. Toxicity

Not applicable.

12.2. Persistenza e degradabilità

Not applicable.

12.3. Bioaccumulation potential

Not applicable.

12.4. Mobility inside the soil

Not applicable.

12.5. PBT and vPvB evaluation results

Not applicable.

12.6. other adverse effects

Not applicable.

SECTION 13: About disposal

13.1 Procedures for waste management Product

In case of partial presence of active substances or needing to dispose of unused product, sent it only to professional companies authorized to dispose of explosive items and substances.

Dispose of the product and/ or the packing according to DECRETO DEL MINISTERO DELL'AMBIENTE E DELLA TUTELA DEL TERRITORIO E DEL MARE 12 maggio 2016, n. 101

"Regulation that contains the procedures to collect, dispose and destruction of explosive items, including expired one, and of the waste material produced by the explosion of any kind of pyrotechnical products, including the one connected to the safety rescues according to point 34 of decreto legislativo 29 luglio 2015, n. 123.

After use, proceed to dispose of the shell/box only after you have checked the complete functioning and the absence of any active substances residual.

Packing

CORPORATE USERS	PRIVATE USERS
Follow the indications in D.Lgs. 152/06 e s.m.i.	Dispose the shells and boxes according to the separate collection of waste

SECTION 14: Information about transportation

14.1 ONU number

0336

14.2 ONU shipping name

FIREWORKS

14.3 Hazard classification



Class 1 – material and explosive items

Divisione 1.4 – Material and items with minor explosion hazard in case of ignition or trigger during transportation. The effects are contained to the box and usually do not include projection of appreciable size pieces and/ or to a big distance.

An external fire should not cause the immediate explosion of the total part of the substances inside the box

Compatibility group G – Pyrotechnical material or item containing pyrotechnical material or item containing at the same time explosive material and lightening, flaming, tear gas or smoking material (not including hydroactive items or containing white phosphorous, phosphides, pyrophoric material, flammable liquid or gel or hypergolic liquids

14.4 Packaging group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Users special precautions (transportation related)

Not applicable.

14.7 Bulk transportation

Not applicable.

14.8 Other indications

Restriction codes in tunnels. (ADR):

Qualifying quantities for partial exemption (1.1.3.6 ADR): **333 kg.**

Wording in shipping company document:

UN0336 FUOCHI PIROTECNICI, 1.4G, (E)

Paragraph 1.1.3.1 ADR:

Exemptions related to the nature of the shipping operations

ADR rules do not apply:

- a) To hazard goods transportation by private user when the goods are in retail packing and they are destined to domestic or personal use or recreational or sport activities as long as they are packed in the way to avoid any leaking in normal transportation conditions.

SECTION 15: Informations about the regulation

15.1 laws and regulation about health, safety and environment, product related

Direttiva 2013/29/UE transposed by il D.Lgs. 29 luglio 2015, n. 123 R.D.

18 giugno 1931, n.773 e s.m.i., R.D. 6 maggio 1940, n.635 e s.m.i.,

D.M. 12 maggio 2016, n. 101

D. Lgs. 3 aprile 2006 n. 152 e s.m.i.

Regolamento europeo 1272/2008/CE (CLP)

15.2 Chemical safety evaluation

Not applicable.

SECTION 16: More informations

Precautions

- Improper use of this item can cause personal injuries to the user and/ or other people
- While using it, you must pay full attention
- The use is forbidden to severely disabled and also to people who got medicines, alcohol or drugs.
- Only for outdoor use in wide open spaces.
- In case the item does not work, wait at least 15 minutes before getting close to it.
- This product must be stored, handled and used according to the existing national laws
- Always follow all the national and local laws and rules about storage, use and transportation of the product.

Responsibility disclaimers

The information you can find in this file express our knowledge at the moment we are writing the file, they do not include any guarantee about the item features (including quality guarantees) and do not generate any legal contractual relation.

The purpose of the information is to suggest a safe use of the product about handling, storage, transportation and disposal.

The supplier does not take any responsibility about the correctness and the completeness of these information

To find out the proper use of these information and of the product itself is under user responsibility, as long as the obligation to respect the laws and rules concerning the product about safety, health and environment protection. We decline any responsibilities following an improper use of the product .

Safety instructions

Only outdoor use. The item has a fumigant effect to be used in the tunnels dug by moles and other rodents. This item produces white smoke, coming out from the tube on the fuse side; duration time is 90 seconds ($\pm 20\%$). Hold the item by the bottom (the opposite end to the fuse end) and point it following the wind stream, avoiding the presence of people or animals in the same direction to avoid inhalations. Holding the item far from any part of your body, as long as far from people, animals or

flammable material, ignite the fuse at its external end and put it immediately inside the soil, with the fuse part deeper inside in the hole dug by the rodents. After that, close properly the hole with the ground you can find aside any mole hole, so that the smoke will stay inside the tunnels. The smoke will spread in the tunnels, let them become impossible to be in. After that, move away to a distance of at least 3 meters from the item (sound pressure at that distance is ≤ 65 dB). Be careful about the changing in the wind direction, to avoid to inhale smoke, both for user or other people. If the item is used in the proper way, there is no need of protective items or tools. Keep in a dry place. Do not expose to heat sources or fire. In case the item will not finish totally to function, wait at least 15 minutes before getting close to it. If the item stops before the end, do not try to ignite it again but contact the supplier for the proper way to dispose of it.