

material safety data sheet finished cosmetic product

aerosol deodorants with alcohol

revision 12, December 2017

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Type of product: aerosol spray without antiperspirant salts

1.2 Trade names

Borotalco spray deodorant pure

Borotalco spray deodorant pure clean freshness

Borotalco spray deodorant pure natural freshness

Chilly deo spray fresco

Chilly deodorant spray fresh

Neutro Roberts deo spray delicate extra protezione

Neutro Roberts deo spray fresco

Neutro Roberts deo spray fresco monoi&freesia

Neutro Roberts deo spray fresco tèverde&lime

Neutro Roberts deo spray menXfresco

Neutro Roberts deo spray menXice freshness

1.3 Product description

Alcohol-based suspension for the body, packaged in pressurised containers, with hydrocarbon propellant and continuous delivery nebuliser valve.

1.4 Person responsible for product commercialisation

Società Italo-Britannica L.Manetti-H.Roberts & C.p.A.

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Further information regarding the use and characteristics of each product may be requested by contacting:

Research & Development at the following number: +39 0558835450

1.5 EMERGENCY TELEPHONE NUMBER +39 05588351

2. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Information on ingredients

The product composition is conformant to current regulations (Directive 75/324 regarding aerosols, EC/1232/2009 Regulations and subsequent amendments) regarding cosmetic products. Therefore, the complete list of ingredients may be found on each product package.

3.2 Composition

The composition listed below corresponds to the standard formulation 5.2-2011 and specifies the type of ingredients actually present, defining **a maximum concentration, in weight and net of water present as a diluent**, allowing for the quick identification of possible hazards

• propellant	55%
• ethanol	45%
• skin softeners/moisturizers	6%
• fragrance	3%
• deodorants	3%
• other ingredients	0.5%

3. HAZARD IDENTIFICATION

3.1 Hazard designation:

- flammability symbol: [black flame in a white diamond, red border] with the word "danger".
- WARNING: extremely flammable aerosol.
- Pressurised container: may explode if heated.
- Keep out of reach of children.
- Keep away from heat sources, hot surfaces, sparks, live flames or other sources of ignition; no smoking.
- Do not spray on open flames or other sources of ignition.
- Do not puncture or incinerate container even after use.
- Protect from direct sunlight.
- Do not expose to temperatures exceeding 50°C/122°F.
- Do not dispose of the container in the environment after use, or specific pictogram.

3.2 Instructions for use and/or other warnings on the label

- Discontinue use in the event of allergic reactions.
- Spray from a distance of approximately 25 cm.
- Do not inhale directly or spray into the eyes.
- Avoid improper uses.
- Spray directly on the body and do not disperse in the air, also to avoid risks of flammability.
- Protect against electrostatic charges.

3.3 Information in the event of improper use or accidents

- Accidental ingestion of the product may cause mild irritation to the gastrointestinal tract.
- **Risk of explosion in the event of fire.**

4. FIRST-AID MEASURES

4.1 Eye contact

- Remove contact lenses and rinse repeatedly and thoroughly with plenty of water, keeping eye lids open; contact a physician.

4.2 Skin contact

- Rinse thoroughly with running water; if the irritation persists, contact a physician.

4.3 Ingestion

- The type of product dispenser renders accidental ingestion highly unlikely; moreover, the type-A ethyl alcohol denaturation should be sufficient to impede the ingestion of a significant quantity of the product, due to the extremely bitter taste.

4.4 Inhalation

- Move individual to fresh air; free the neck and chest areas of constrictive clothing.
- Accidental inhalation leads to mild respiratory problems which generally disappear quickly.
- Request immediate medical assistance if the respiratory problems persist.

5. FIRE-FIGHTING MEASURES

- **The product is highly flammable.**
- **The product may explode in case of fire.**
- In the event of medium sized fires, common fire extinguishers will be sufficient.
- In the event of large fires, use protective gear and self-contained breathing apparatus.
- Cool containers to avoid explosion.
- Avoid inhaling fumes as they may contain carbon monoxide, sulphur dioxide, nitric oxide, aldehydes, ketones or amines.

6. MEASURES IN THE EVENT OF LEAKAGE OR SPILLS

- Eliminate open flames or heat sources in the vicinity.
- Turn off all electrical devices.
- Ventilate the area and/or remove all leaking containers to the outdoors.
- Clean spills using inert liquid-binding materials (sand or sawdust).
- Collect leakage in appropriate containers and dispose of in accordance with current state and local laws.
- Spills will make the floor slippery.
- For major leakages and spills, immediately contact the Fire Department and clear the area.
- Use safety gloves, safety glasses and a self-contained breathing apparatus.

7. HANDLING / STORAGE

7.1 Handling

- Carefully follow the safety instructions on the container.
- Keep away from open flames, heat sources, operating electrical devices.
- Avoid any use not foreseen in the instructions.

7.2 Storage

- Store in specially equipped warehouses according to current fire prevention regulations.
- Store in dry, well ventilated premises, at room temperature (between +15°C and +30°C), away from heat sources, open flames, operating electrical devices; keep away from direct sunlight.
- Store containers upright and avoid collisions and falling; absolutely no smoking in the warehouse.
- Under these storage conditions, minimum durability is 30 months.

8. PERSONAL PROTECTION / EXPOSURE CONTROL

- In the presence of risks that may not be avoided using other means, employers must provide workers with appropriate personal protection equipment (PPE).
- the work environment must be adequately ventilated.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Highly flammable product with risk of explosion in case of fire.**
- **Appearance:** liquid spray, perfumed.
- **Odour:** characteristic odour.
- **Product pH as is:** not applicable.
- **Boiling point:** not applicable.
- **Relative density:** not applicable.

10. STABILITY AND REACTIVITY

- The product is stable at room temperature.

11. DISPOSAL CONSIDERATIONS

- Does not contain CFC considered pollutant to the environment.
- Do not dispose of the empty container in the environment after use.
- The material is specified on the container itself.
- Dispose of cosmetic products inside the cans in accordance with current state and local regulations.

12. REGULATORY INFORMATION

- Every finished product is formulated, produced, labelled and sold in compliance with current laws regarding cosmetic products.
- Finished cosmetic products are expressly excluded from the field of application of Italian laws and European directives regarding hazardous substances and mixtures.

13. OTHER INFORMATION

- All the information contained in this data sheet is based on current knowledge and, as regards the product composition and chemical and physical properties, these are provided solely for the purpose of proper handling and use and for emergency intervention.
- Specifically, this data sheet does not provide specifications for sales nor does it provide the complete product composition, which is instead provided on the packaging, as required by law.
- This data sheet replaces all previous versions, rendering them null and void.
- Issued by R&D Regulatory Affairs.