



Material Safety Data Sheet
ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1

Printing date 03/14/2004

Reviewed on 03/14/2004

1 Identification of substance

· **Product details**

· **Trade name: OraVet Plaque Prevention Gel (Home Care Product)**

· **Manufacturer/Supplier:**

Merial, Inc
115 Transtech Drive
Athens, GA 30601
Tel.: 1-888-MERIAL 1

· **Information department: MSDS Coordinator**

· **Emergency information:**

Spill Information:

CHEMTREC® 1-800-424-9300
CHEMTREC® International 1+703-527-3887
International calls 011+703-527-3887
Reverse charges.

2 Composition/Data on components

· **Chemical characterization**

· **Components:**

63231-60-7	Paraffin waxes and Hydrocarbon waxes, microcryst.		57.5%
8042-47-5	White Mineral Oil		40.0%
141-94-6	Hexetidine	Xn; R 22	2.5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:** Not applicable.

· **Information pertaining to particular dangers for man and environment:**

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification was made according to the latest editions of international substances lists, and from company and regulatory data.

· **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 1
Reactivity = 0

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· HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Not an expected route of entry.
- **After skin contact:** No special measures required.
- **After eye contact:**
Rinse opened eye for a minimum of 15 minutes under running water. Get medical attention immediately.
- **After swallowing:** If symptoms occur consult doctor.
- **After self injection**
- **Information for doctor.**
The following symptoms may occur
None

5 Fire fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Protective equipment:**
Fire fighters should wear self-contained breathing apparatus and full protective equipment.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:** Dispose of contaminated material as waste according to section XIII.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Store in a cool and dry place.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in a cool and dry place

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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· Components with limit values that require monitoring at the workplace:

8042-47-5 White Mineral Oil

TLV (USA)	Short-term value: 10 mg/m³
	Long-term value: 5 mg/m³

· Additional information: The lists that were valid during the creation were used as basis.

· Personal protective equipment:

· General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Do not eat, drink, smoke or inhale.

Do not store food in the working area.

· Protection of hands: Not required under normal conditions of use.

· Eye protection: Not required under normal conditions of use.

9 Physical and chemical properties

· General Information

Form:	Solid
Color:	Grey/White
Odor:	Characteristic

· Change in condition

Melting point/Melting range: 70°C

Boiling point/Boiling range: 231°C (448°F)

· Flash point: 189°C (372°F)

· Auto igniting: Product is not self-igniting.

· Danger of explosion: Product does not present an explosion hazard.

· Specific gravity: Not determined.

· Solubility in / Miscibility with

Water: Insoluble in water.

· Solvent content:

Organic solvents: 0.0 %

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· Dangerous reactions No dangerous reactions known.

· Dangerous products of decomposition: No dangerous decomposition products known.

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11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

141-94-6 Hexetidine

Oral	LD50	1600 mg/kg (dog) 1520 mg/kg (mouse)
		610 mg/kg (rat)
Dermal	LD50	1610 mg/kg (rat) 3464 mg/kg (rabbit)
	LD50 Intraperitoneal	142 mg/kg (mouse)

· **Primary irritant effect:**

· **on the skin:** No irritating effect known.

· **on the eye:** No irritating effect known.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· **Product:**

· **Recommendation:**

Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **DOT regulations:**

· **Hazard class:** -

· **Land transport ADR/RID (cross-border):**

· **ADR/RID class:** -

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- **Maritime transport IMDG:**
 - **IMDG Class:** -
 - **Marine pollutant:** No
-
- **Air transport ICAO-TI and IATA-DGR:**
 - **ICAO/IATA Class:** -

15 Regulations

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

63231-60-7 Paraffin waxes and Hydrocarbon waxes, microcryst.

141-94-6 Hexetidine

- **CA Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity:**

None of the ingredients are listed.

- **Carcinogenesis potential categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **Product related hazard informations:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

- **Safety phrases:**

29 Do not empty into drains.

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· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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.

- **Department issuing MSDS:** MSDS Coordinator
- **Contact:** MSDS Coordinator, msds@merial.com

USA