

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Orvus WA Paste

Product Code 95161362

Version # 03

Revision date 11-01-2010

P&G Telephone Number: 1-800-332-7787

Emergency 24-hr

Telephone #:

CHEMTREC 1-800-424-9300

Manufacturer

Address

Procter & Gamble Professional

2 P&G Plaza

Cincinnati

Ohio

45202

US

2. Hazards Identification

Potential health effects

Routes of exposure Ingestion. Inhalation. Skin contact. Eye contact.

Eyes Health injuries are not known or expected under normal use. Accidental exposure to the eyes may produce a mild but transient irritation.

Skin Health injuries are not known or expected under normal use. Substance does not generally irritate and is only mildly irritating to the skin.

Inhalation Health injuries are not known or expected under normal use.

Ingestion Health injuries are not known or expected under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Potential environmental effects

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures

Eye contact Immediately rinse with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin contact Rinse skin with water. Get medical attention if irritation develops and persists.

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion Rinse mouth thoroughly. Drink 1 or 2 glasses of water. Do not induce vomiting without advice from poison control center or doctor. Get medical attention if any discomfort continues.

5. Fire Fighting Measures

Environmental precautions Prevent further leakage or spillage if safe to do so.

Extinguishing media

Suitable extinguishing media

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Protection of firefighters

Protective equipment

and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away. Wear suitable protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so.

Clean-up methods and materials and containment measures

In case of spills, beware of slippery floors and surfaces. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Flush with plenty of water to clean spillage area.

7. Handling and Storage

Handling Use personal protective equipment as required. Avoid contact with skin. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.

Storage Store in a cool and well-ventilated place. Keep from freezing.

8. Exposure Controls / Personal Protection

Engineering controls Provide adequate ventilation.

Personal protective equipment

Eye / face protection Not normally needed.

Skin protection Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.

Rubber gloves. Neoprene gloves.

Respiratory protection Not normally needed.

General hygiene

considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color White

Odor Faint detergent scent

Odor threshold Not available.

Physical state Solid.

pH 7.8

Melting point Not available.

Freezing point Not available.

Boiling point Not available.

Flash point ≥ 201 °F (≥ 93.9 °C)

Evaporation rate Not available.

Vapor pressure Not available.

Specific gravity 1.04

Solubility (water) Complete

Partition coefficient

(n-octanol/water)

Not available

VOC 0 % estimated

Percent volatile 0 % estimated estimated

10. Chemical Stability & Reactivity Information

Chemical stability This is a stable material.

Conditions to avoid Temperatures above 140 F (60 C). Maintain pH above 7.0 to prevent decomposition. Contact with

acids.

Hazardous decomposition

products

Sulfuric acid. Sodium oxides. Hydrogen sulfide.

Hazardous polymerization Will not occur.

11. Toxicological Information

Sensitization Not available.

Chronic effects Not available.

Skin corrosion/irritation Not available.

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12. Ecological Information

Environmental effects Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for

related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.

13. Disposal Considerations

Disposal instructions This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

14. Transport Information

DOT

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

Yes

State regulations

ILLRTK

Contains no Illinois Right To Know toxic substances.

US - Massachusetts RTK - Substance: Listed substance

SODIUM SULPHATE (CAS 7757-82-6) LISTED

US - New Jersey RTK - Special Hazard: Listed substance

Contains no New Jersey Right To Know special hazards.

US - New Jersey RTK - Substances: Listed substance

Contains no New Jersey Right To Know Substances

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Contains no Pennsylvania Right To Know hazardous substances

US - Rhode Island RTK - Hazardous Substances: Listed substance

Contains no Rhode Island Right To Know hazardous substances.

Canadian regulations All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has

been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

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Country(s) or region Inventory name On inventory (yes/no)*

Inventory Status

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

HMIS® ratings Health: 1

Flammability: 1

Physical hazard: 0

NFPA ratings Health: 1

Flammability: 1

Instability: 0

Disclaimer This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.