



Ortho-Clinical Diagnostics

a Johnson & Johnson company

Material Safety Data Sheet

Product code: OCDUS6801896

Revision date: 09/28/2005

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier:

Ortho-Clinical Diagnostics, Inc.
100 Indigo Creek Drive
Rochester, NY 14626-5101

Emergency telephone number: (800) 424-9300 ChemTrec (24 hours)
(703) 527-3887 (International - 24 hours)

Product name: VITROS CHEMISTRY PRODUCTS CALIBRATOR KIT 25 DILUENTS
Product code: OCDUS6801896

2. HAZARDS IDENTIFICATION

Emergency overview: Avoid contact with skin and eyes. Do not breathe vapours or spray.

This material is a controlled product under WHMIS.

Properties affecting health: May cause sensitization by skin contact.
May cause eye/skin irritation.

Principle routes of exposure:

Eye Contact: May cause eye irritation.
Skin contact: May cause skin irritation.
Ingestion: Unknown on product.
Inhalation: No effects expected.

Physico-chemical properties: No hazards resulting from material as supplied.

Hazard information:

Target organ effects: Eyes
Skin
Reproductive effects: Unknown on product.
Mutagenic effects: Unknown on product.
Sensitization: May cause sensitization by skin contact.

Signs and symptoms: None.

Medical conditions aggravated by exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Company: Johnson & Johnson

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %
ProClin 300	PRO300	<1

4. FIRST AID MEASURES

Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.
Skin contact:	If a person feels unwell or symptoms of skin irritation appear, consult a physician.
Ingestion:	If ingested, seek medical attention immediately and show the label.
Inhalation:	Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
Protection of first-aiders:	Wear suitable gloves and eye/face protection.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use any extinguishing media which is suitable for the surrounding fire.
Extinguishing media which must not be used for safety reasons:	None.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus and protective suit.
Specific methods:	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.
Methods for cleaning up:	Wipe up with adsorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling:	
Technical measures/precautions:	Wear protective safety glasses, gloves and clothing.
Safe handling advice:	Wear disposable gloves while handling reagents. Thoroughly wash hands afterwards.
Storage:	
Technical measures/storage conditions:	Store at or below -18°C (0°F).
Incompatible products:	No special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Engineering controls:	Ensure adequate ventilation. Eye baths, washing facilities, and safety shower.
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Personal protective equipment

Eye protection:	Wear safety glasses with side-shields.
Hand protection:	Wear impervious gloves. Wear nitrile gloves. Wear disposable gloves while handling kit reagents. Thoroughly wash hands afterwards.
Skin and body protection	Wear suitable protective clothing. Wear suitable gloves and eye/face protection.
Respiratory protection:	None required.

Other/general protection: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical state: Liquid
Color: Colorless
Odor: None

Important Health Safety and Environmental Information

Flash point: Not determined

Other information

Explosivity: None.

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.
Materials to avoid: No data available.
Conditions to avoid: Unknown on product.
Hazardous polymerization: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Eye contact: May cause eye irritation.
Skin contact: May cause skin irritation.
Ingestion: No effects expected.
Inhalation: No data available.

Subchronic toxicity

Eye contact: Unknown on product.
Skin contact: Repeated or prolonged exposure to the skin could cause irritation or sensitization.
Ingestion: Unknown on product.
Inhalation: Unknown on product.

Chronic toxicity

Eye contact: Unknown on product.
Skin contact: Repeated or prolonged exposure to the skin could cause irritation or sensitization.
Ingestion: Unknown on product.
Inhalation: Unknown on product.

Specific effects

Corrosive effects: No data available.
Sensitization: May cause sensitization by skin contact.
Target organ effects: Eyes Skin
Mutagenic effects: No data available.
Reproductive effects: No data available.
Developmental effects: No data available.
Carcinogenic effects: No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity effects:	This product has no known eco-toxicological effects.
Aquatic toxicity effects:	This product has no known aquatic toxicological effects.
Mobility:	No data available.
Persistence / degradability:	No data available.
Bioaccumulation:	No data available.
Degradation:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.
Contaminated packaging:	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.

14. TRANSPORT INFORMATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

15. REGULATORY INFORMATION

SARA (311, 312) hazard class

Immediate health:	None.
Delayed health:	None.
Fire:	None.
Sudden Release of Pressure Hazard:	None.
Reactivity:	None.

State Regulations

International Inventories

WHMIS:

WHMIS trade secret:	None.
WHMIS hazard class:	D2B Toxic Materials.



Notes:

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

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16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s):

Changes since the last publication are highlighted in red followed by three asterisks (***)

MSDS format:

- North American Format - U.S. and Canada

This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1-2004.

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End of Safety Data Sheet