



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 39002

PRODUCT NAME: PRECISION ZEROSPOT SUPREME

USE: Rinse Additive

## SUPPLIER:

JohnsonDiversey Canada, Inc.  
2401 Bristol Circle  
Oakville Ontario, L6H 6P1, Canada

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: surfactant

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

## II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT                    | % w/w | CAS #       | LD50 / LC50      | Route / Species |
|-----------------------------------------|-------|-------------|------------------|-----------------|
| Linear alcohol ethoxylate / propoxylate | 10-30 | 068439-51-0 | LD50 3530 mg/kg  | oral/rat        |
| Polyalkylene glycol ether               | 3-7   | 009038-95-3 | LD50 12000 mg/kg | oral/rat        |

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: not required

Eye: safety glasses

Footwear: not required

Respiratory: not required

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): oxidizing materials

SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear green liquid

S.G. / BULK DENSITY(g/cc): 1.01

pH: (concentrate): 10.0 ± 0.5

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: approx. 100°C

FREEZING POINT: approx. 0°C

PERCENT VOLATILE: approx. 68%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): approx. 1

## V - TOXICOLOGICAL PROPERTIES

## EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause irritation of the digestive tract.

INHALATION: No serious or irreversible effects expected.

LD50 (calculated): 13,566 mg/kg

LC50 (calculated): not applicable

OTHER TOXIC EFFECTS: none known

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known

#### VI - FIRST AID MEASURES

**EYES:** Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.

**SKIN:** Flush affected area thoroughly with water. If irritation develops, contact a physician.

**INGESTION:** Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician.

**INHALATION:** Remove patient to fresh air.

#### VII - FIRE AND EXPLOSION DATA

**FLAMMABLE:** No

**FLASH POINT, °C:** not applicable

**AUTO IGNITION TEMPERATURE, °C:** N/Ap.

**EXTINGUISHING MEDIA:** Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon.

**EXPLOSIVE SENSITIVITY TO:** not applicable

#### VIII - REACTIVITY DATA

**STABILITY:** Stable [x] Unstable [ ]

**CONDITIONS TO AVOID:** not applicable

**INCOMPATIBILITY (Material to Avoid) :** oxidizing materials

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat released on contact with oxidizing materials.

**REACTIVITY:** not dangerously reactive

#### IX - MSDS PREPARATION

**SOURCES USED:** RTECS, Raw Material MSDS

**PREPARED BY:** JohnsonDiversey Canada, Inc.  
Regulatory Department  
Institutional Division  
Phone (905) 829-1200

**PREPARATION DATE:** April 15, 2003

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