

## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2659

PRODUCT NAME: NEXUS 100

USE: Retention Aid

## SUPPLIER:

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

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: not applicable

CHEMICAL FAMILY: Polyethers

TRADE NAME / SYNONYMS: PEO

CHEMICAL NAME: Poly(ethylene oxide)

## II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT | % w/w | CAS # | LD50 / LC50 | Route / Species |
|----------------------|-------|-------|-------------|-----------------|
| None                 |       |       |             |                 |

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber

Eye: safety goggles

Footwear: not required

Respiratory: NIOSH approved dust mask

Other: not required

## SPECIAL HANDLING PROCEDURES AND EQUIPMENT:

Avoid breathing dust. Floor can be slippery where this product has been spilled, especially when wet.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): None

SPILL PROCEDURES: Sweep or scoop up material for disposal. Floor can be slippery when wet. 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 dry area away from moisture.

## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White to off-white powder

S.G. / BULK DENSITY(g/cc): 0.50

pH: (1% solution): 9.0 ± 1.0

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: &lt;1.0

SOLUBILITY IN WATER: not applicable

EVAPORATION RATE (water=1): not applicable

## V - TOXICOLOGICAL PROPERTIES

## EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Repeated or prolonged contact with dust may result in irritation.

SKIN: No serious or irreversible effects expected.

INGESTION: May cause irritation.

INHALATION: Breathing dust may cause respiratory irritation.

LD50 (calculated): &gt;30,000 mg/kg

LC50 (calculated):

OTHER TOXIC EFFECTS: None

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: May contribute to nuisance dusts.

## VI - FIRST AID MEASURES

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

**SKIN:** Wash skin with soap and water.

**INGESTION:** Drink large volumes of water . Never give anything by mouth to an unconscious patient. 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:** 280°C

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

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water to extinguish only if large volumes are available to flood area. Wear self-contained breathing apparatus. This material in contact with water can create extremely slippery walking surfaces.

**HAZARDOUS COMBUSTION PRODUCTS:** not applicable.

**EXPLOSIVE SENSITIVITY TO:** Impact [ ] Static Discharge [ ] Heat [ ] Other [ ]

## VIII - REACTIVITY DATA

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

**CONDITIONS TO AVOID:** high humidity, high temperature.

**INCOMPATIBILITY (Material to Avoid) :** Oxidizing agents ie: Chlorine

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**REACTIVITY:** not dangerously reactive

## IX - MSDS PREPARATION

**SOURCES USED:** Supplier MSDS

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

**PREPARATION DATE:** April 15, 2003

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