

**MATERIAL SAFETY DATA SHEET****SECTION 1 — PRODUCT IDENTIFICATION**

**Product identifier:** 0040 – BIO-ZORB 2000  
**Product use:** Deodorizing absorbent gel  
**Product Code Number:** 66232  
**MSDS Number:** 0040

**WHMIS Classification:** Not Regulated

**Supplier name and address:**  
 Parkside Professional Products Ltd.  
 4777 Kent Ave.  
 Niagara Falls, ON L2H 1J5  
 (905) 354-2723

**Manufacturer's name and address:**  
 Refer to Supplier

**Emergency Telephone #: CANUTEC (613) 996-6666**

**SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS**

<b>Ingredients</b>	<b>CAS #</b>	<b>% (weight)</b>	<b>LD<sub>50</sub> mg/kg oral/rat</b>	<b>LD<sub>50</sub> mg/kg skin/rabbit</b>	<b>LC<sub>50</sub> ppm inh/rat</b>
Poly (sodium acrylate) homopolymer	9033-79-8	60-100	n/av	n/av	n/av
Sodium dichloroisocyanurate dihydrate	51580-86-0	0.5-1.0	1823	>5000	0.27-1.17 4 hr

**SECTION 3 — HAZARDS IDENTIFICATION**

\*\*\*POTENTIAL HEALTH EFFECTS\*\*\*

**Routes of entry:** Inhalation, ingestion, skin and eye contact.

**Signs and symptoms of short-term (acute) exposure:**

*Inhalation:* Dust can cause nose and throat irritation.

*Skin contact:* Slight incidental contact is not expected to produce adverse effect.

*Eye contact:* Dust can result in irritation.

*Ingestion:* Harmful if swallowed.

**Effects of long-term (chronic) exposure:** See Section 11. **Other important hazards:** None reported.

**SECTION 4 — FIRST AID MEASURES**

**Inhalation:** Remove victim to fresh air. If symptoms persist, call a physician.

**Skin contact:** Flush skin with plenty of water, for at least 15 minutes, while removing contaminated clothing. Call physician if irritation develops. Wash contaminated clothing before reuse.

**Eye contact:** Flush eyes with running water for at least 15 minutes, keeping eyelids open.

**Ingestion:** Call physician. DO NOT induce vomiting. Give several glasses of water.

**SECTION 5 — FIRE FIGHTING MEASURES**

**Fire hazards/conditions of flammability:** Not flammable.

**Flash point (Method):** Not applicable. °C (°F)

**Lower flammable limit (% by volume):** n/ap

**Upper flammable limit (% by volume):** n/ap

**Explosion data:** *Sensitivity to mechanical impact:* Not sensitive. *Sensitivity to static discharge:* Not sensitive.

**Oxidizing properties:** None.

**Auto-ignition temperature:** None.

**Suitable extinguishing media:** As appropriate for burning of surrounding products.

**Special fire-fighting procedures/equipment:** n/ap

**Hazardous combustion products:** n/ap

#### SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear adequate personal protective equipment.

**Environmental precautions:** No special precautions required.

**Spill response/Cleanup:** Recover and reuse as much of the product as possible.

**Prohibited materials:** None known.

#### SECTION 7 — HANDLING AND STORAGE

**Safe handling procedures:** Avoid contact with skin, eyes and clothing. Wear proper protective equipment, including rubber gloves. Avoid dust creation.

**Storage requirements:** Store in a cool, dry area. Keep away from incompatible materials, (see Sect. 10)

**Special packaging materials:** No special packaging required.

#### SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Ventilation and engineering controls:** Mechanic ventilation should be adequate.

**Respiratory protection:** Normally not required. Dust mask may be required depending on operation.

**Protective gloves:** Rubber.

**Eye protection:** Safety glasses, or goggles.

**Other protective equipment:** As required by workplace standards.

#### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Physical form, color and odor:** White, free-flowing powder, fresh chlorine scent

**Odor threshold:** n/av

**pH:** n/ap

**Boiling point:** n/ap

**Melting/freezing point:** n/av

**Decomposition temp.:** 250°C

**Vapour pressure:** n/ap

**Solubility in water:** Insoluble.

**Coefficient of oil/water distribution:** n/av

**Specific gravity or relative density (water = 1):** 2.1-2.2

**Vapour density:** n/ap

**Volatile organic compounds (VOC's):** n/ap

**Evaporation rate:** None.

**Percent Volatile by Weight:** >2%

#### SECTION 10 — REACTIVITY AND STABILITY DATA

**Stability and reactivity:** Normally stable.

**Conditions to avoid:** Keep containers tightly closed, when not in use.

**Materials to avoid:** Acids.

**Hazardous decomposition products:** Oxides of carbon.

#### SECTION 11 — TOXICOLOGICAL INFORMATION

**LD<sub>50</sub>:** Not established for this product. See Section 2 for values for ingredients.

**LC<sub>50</sub>:** Not established for this product. See Section 2 for values for ingredients.

**Exposure limits:** ACGIH-TLV – Not established.

**Carcinogenicity:** None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.

**Teratogenicity, mutagenicity, other reproductive effects:** There is no human or animal information available on teratogenicity, reproductive toxicity, or mutagenicity.

**Sensitization to material:** Not reported.

**Conditions aggravated by exposure:** Skin conditions.

**Synergistic materials:** None known.

#### SECTION 12 — ECOLOGICAL INFORMATION

**Environmental effects:** Not biodegradable

#### SECTION 13 — WASTE DISPOSAL

**Handling for disposal:** Reuse if possible.

**Methods of disposal:** Follow local, provincial, state and federal regulations.

#### SECTION 14 — TRANSPORTATION INFORMATION

**Shipping description:** TDG - Not regulated.

**Please note:** This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

#### SECTION 15 — REGULATORY INFORMATION

**WHMIS information:** Not regulated

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

#### SECTION 16 — OTHER INFORMATION

**Prepared for:** Parkside Professional Products Ltd.

**Telephone number:** (905) 354-2723

**Preparation date:** July 1, 2014

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2001.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. CHEMINFO database.
4. Material Safety Data Sheets from raw materials suppliers.
5. N. Irving Sax. Dangerous Properties of Industrial Materials, Seventh Edition.

n/ap Not applicable

n/av Not available

MV/mt