

SAFETY DATA SHEET – CP100

OBERON COOLING VEST - COOLING PACKS

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CP100
Date April 2016
Company Oberon Company
22 Logan Street, New Bedford, MA 02740
Phone: (508) 999-4442

2. HAZARDS IDENTIFICATION

OSHA Hazards
No known OSHA hazards
GHS Classification
Not Classified
GHS Label Elements, Including Precautionary Statements:
Signal Word
None
Hazard Statement(s)
None
Precautionary Statement(s)
None
Other Hazards
None

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number:	Component:	Concentration:
7732-18-5	Water	99.24%
9003-04-7	Sodium Polyacrylate	.75-1.5%

4. FIRST AID MEASURES

If inhaled: If affected person is not breathing, apply artificial respiration.
In case of skin contact: Wash with soap and plenty of water.
In case of eye contact: Flush eyes with water for 15 minutes. Seek medical attention if irritation persists
If swallowed: Non-toxic ingestion, however, if adverse symptoms appear, seek medical attention.

5. FIREFIGHTING MEASURES

Extinguisher Media: Use appropriate extinguishing media for surrounding fire.
Special Remarks on Fire Hazards: None.
Special Remarks on Explosion Hazards: None.
Special Hazards Arising from the Substance or Mixture: None.
Advice for Firefighters: Firefighters should wear full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
None

Environmental Precautions
None

Methods and Materials for Containment and Cleaning Up
Spill may produce slippery conditions. Use care when attempting to recover spilled gel material. Flush area with water. Residual can be flushed into drain for wastewater treatment.

Safety Data for CP100

7. HANDLING AND STORAGE

Precautions for Safe Handling

No special handling needed under normal product use conditions. If gel is accidentally released, avoid prolonged eye and skin contact. May be a potential slip hazard.

Conditions for Safe Storage

No special storage necessary

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ACGIH, OSHA, AND NIOSH have not developed exposure limits for any product components.

Engineering Measures: None needed under normal handling conditions.

PPE - Respiratory: None needed under normal handling conditions.

PPE - Hand: None needed under normal handling conditions.

PPE - Eyes: None needed under normal handling conditions.

PPE - Skin and Body: Use appropriate body protection for the job task.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Gel/viscous liquid

Odor: Odorless

Melting Point: ND

Ignition Temperature: NA

Boiling Point: NA

Flash Point: NA

Vapor Pressure: ND

Specific Gravity: ND

Water Solubility: Soluble

Octanol/H₂O Coefficient: ND

Relative Vapor Density: NA

Physical State: Gel

pH: 5.5-6.5

VOC: ND

Evaporation Rate: ND

Auto Ignition: NA

Lower Flammability Limit: NA

Upper Flammability Limit: NA

Burning Rate: NA

10. STABILITY AND REACTIVITY

Chemical Stability: This is a stable material.

Hazardous Reaction Potential: Not available.

Conditions to Avoid: Ignition sources (flames, sparks, etc.)

Hazardous Decomposition Products: Not determined.

Incompatible Products: Not determined.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Analysis - LD₅₀/LC₅₀

Water (7732-18-5): Oral LD₅₀: Rat > 90ml/kg.

Sodium Polyacrylate (9003-04-7): Oral LD₅₀: Rat > 40 g/kg.

Inhalation LC₅₀: No data available.

Skin Corrosion/Irritation: None anticipated under normal product handling conditions.

Serious Eye Damage/Irritation: None anticipated under normal product handling conditions.

Respiratory or Skin Sensitization: No respiratory effects anticipated.

Generative Cell Mutagenicity: Not reported to have any mutagenic effects.

Carcinogenicity:

A: General Product Information

This product is not reported to have any carcinogenic effects.

B: Component Carcinogenicity

None of the product components are listed by ACGIH, IARC, OSHA, NIOSH or NTP.

Reproductive Toxicity: Not reported to have any reproductive toxicity effects.

Specific Target Organ Toxicity - Single Exposure (GHS): No data available.

Specific Target Organ Toxicity - Repeated Exposure (GHS): No data available.

Aspiration Hazard: Not reported to have any aspiration hazard effects.

Safety Data for CP100

12. ECOLOGICAL INFORMATION

Ecotoxicity

- A. **General product information:** Not reported to have any ecotoxicity effects.
B. **Component Analysis – Ecotoxicity – Aquatic Toxicity:** No data available for product's components.

Persistence and Degradability: Product not tested. Expected to be inherently biodegradable as the primary component is water. The expected environmental half-life for the SAP component is ≥ 100 days.

Bioaccumulative Potential: No information available.

Mobility in Soil: No information available.

13. DISPOSAL CONSIDERATIONS

Product: See section 7 for Handling Procedures. See section 8 for PPE recommendations.

Contaminated Packaging: Dispose in accordance with local/regional/national/international regulations, as applicable.

14. TRANSPORT INFORMATION

DOT (US): Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

ICOA: Not regulated.

15. REGULATORY INFORMATION

Component Analysis: None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

No components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Component Analysis – WHMIS IDL.

No components are listed on WHMIS IDL.

Additional Regulatory Information

<u>Component</u>	<u>CAS#</u>	<u>TSCA</u>	<u>CAN</u>	<u>EEC</u>
Water	7732-18-5	Yes	DSL	EINECS
Sodium Polyacrylate	9003-04-07	Yes	DSL	NO

16. OTHER INFORMATION

Key/Legend

CAN=Canada; CAS = Chemical Abstract Service; EPA = Environmental Protection Agency;
TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; NJTSR = New Jersey Trade Secret Registry.

Literature References

None