

### 1 Identification

- **Product name:** Captiv800 Encapsulation Cleaner
- **Other means of identification (Article number):** 2404
- **Recommended use:** Carpet Cleaner
- **Restrictions on use:** All other uses than those indicated on the product label and technical data sheet
- **Uses advised against** All other uses than those indicated on the product label and technical data sheet.
- **Manufacturer:**  
Avmor LTD  
950, Michelin  
Laval, QC, H7L 5C1  
Canada  
1-800-387-8074  
www.avmor.com
- **Emergency telephone number:** CANUTEC 1-613-996-6666

### 2 Hazard identification

- **Classification of the product as sold:**  
Flam. Liq. 4 H227 Combustible liquid.  
Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**
- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**  
Combustible liquid.  
Causes serious eye irritation.
- **Precautionary statements:**  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
Immediately call a poison center/doctor.  
Wash contaminated clothing before reuse.  
IN CASE OF FIRE: Use for extinction: CO2, powder or water spray.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents and container in accordance with local, regional and national regulations.

**Product name: Captiv800 Encapsulation Cleaner**

(Contd. of page 1)

- **Classification system**
- **NFPA ratings (scale 0 - 4):**



Health = 2  
Fire = 1  
Reactivity = 0

- **Hazard not otherwise classified:** None Known
- **Notes:** For the wording of the listed abbreviations refer to section 16.
- **Product AT USE DILUTION:** N/A

**3 Composition/Information on ingredients**

- **Chemical characterization:** Mixtures
- **Description:**
- **Components:**

No. Cas	Designation	Concentration(%)
7732-18-5	Water	55-87% *
Proprietary	Acyclic Copolymer	10-30% *
5131-66-8	Propylene Glycol n-Butyl Ether	1-5% *
151-21-3	Sodium Lauryl Sulfate	1-5% *
67-63-0	Isopropyl Alcohol	1-5% *

\* Actual concentration ranges are withheld as a trade secret.

**4 First aid measures**

- **Description of first aid measures**
- **After inhalation:** Rarely cause discomfort; supply fresh air and consult physician in case of complaints.
- **After skin contact:**  
Remove immediately all contaminated clothing. Rinse skin with water or shower for at least 15 minutes. Consult a doctor if skin redness and irritation persist.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After ingestion:** If symptoms persist consult a doctor.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**5 Firefighting measures**

- **Suitable extinguishing media:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Specific hazards arising from the product:** No further relevant information available.
- **Special protective equipment and precautions for fire-fighters:**  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
- **Additional information:** See Section 9 for the flammability characteristics of this product.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures:**  
Wear recommended protective equipment(s). Keep unprotected persons away.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 3)

**Product name: Captiv800 Encapsulation Cleaner**

(Contd. of page 2)

Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.

- **Reference to other sections:**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**7 Handling and storage**

- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Conditions for safe storage, including any incompatibilities:** Keep in the original receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

**8 Exposure controls/ Personal protection**

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Exposure controls:**

Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

- **Undiluted Product**

- **Personal protective equipment:**



Protective gloves (See Protection of Hands)



Safety glasses (Suggested)

- **General protective and hygienic measures:**

Avoid contact with the eyes and skin.  
The usual precautionary measures for handling chemicals should be followed.  
Wash hands before breaks and at the end of work.

- **Breathing equipment:** Not required.

- **Protection of hands:**

Protective Gloves  
Check protective gloves prior to each use for their proper condition

- **Eye protection:**

Safety glasses (suggested)  
Protective glasses are recommended when handling concentrated product.  
Safety glasses are suggested when using this product in heavy use and institutional environments

- **Body protection:**

Not required.

(Contd. on page 4)

**Product name: Captiv800 Encapsulation Cleaner**

(Contd. of page 3)

- **Product AT USE DILUTION:**
- **Eye protection:** Safety glasses suggested under normal use conditions.

## 9 Physical and chemical properties

- **Form:** Clear Liquid
- **Colour:** Colorless
- **Odour:** Characteristic
- **Odor threshold:** Not determined
- **pH-Value:** 7.5 - 8.5
- **pH Value (diluted product):**
- Melting point/Freezing point:** Not determined
- Boiling point/Boiling range:** 100 °C
- Fusion temperature / range:** Not determined
- **Flash point:** 81.1 °C
- **Flammability (solid, gaseous):** Not applicable
- **Ignition temperature:** N/D
- **Decomposition temperature:** Not determined
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Not determined.
- **Explosion limits:**
- Lower:** Not determined.
- Upper:** Not determined.
- **Vapour pressure:** Not determined.
- **Relative density:** 1.015 - 1.025
- **Vapour density (air=1):** Not determined.
- **Evaporation rate:** Not determined
- **Solubility in / Miscibility with Water:** Fully miscible
- **Partition coefficient (n-octanol/water):** Not determined
- **Solvent content:**
- VOC content:** N/D

## 10 Stability and reactivity

- **Reactivity:** Not determined.
- **Chemical stability:** The product is stable.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** Flammable.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>)

(Contd. on page 5)

**Product name: Captiv800 Encapsulation Cleaner**

(Contd. of page 4)

In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

**11 Toxicological information**

- Information on the likely routes of exposure
- Numerical measures of acute toxicity:

· Components		Type	Value (Species)
Mean of exposure			
<b>ATE (Acute Toxicity Estimate)</b>			
Oral	LD50	25,760 mg/kg (Rat)	
Dermal	LD50	>40,000 mg/kg (Rat)	
Inhalative	LC50 (4 h)	180 mg/L	

- **Symptomes related to the physical, chemical and toxicological characteristics**
- **If on the skin:** May cause irritation by prolonged contact with skin.
- **If on the eye:** Irritating effect.
- **After ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
- **Sensitization:** No sensitizing effects known.
- **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**  
Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

**12 Ecological information**

- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** Not determined
- **Ecotoxicity:** No relevant information available.
- **Other adverse effects** No further relevant information available.

**13 Disposal considerations**

- **Waste treatment methods recommendation:**  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with local authority requirements.  
Dispose in accordance with all applicable federal, state, provincial and local laws and regulations. Contact your local, state, provincial or Federal environmental agency for specific rules.
- **Uncleaned packagings recommendation:**  
Do not re-use empty containers.  
Dispose of packaging according to regulations on the disposal of packagings.
- **Recommended cleansing agent:**  
Water  
Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

**14 Transport information**

- **UN-Number**
- **DOT, IMDG, IATA** Not regulated.
- **UN proper shipping name**
- **DOT, IMDG, IATA** Not regulated.

(Contd. on page 6)

**Product name: Captiv800 Encapsulation Cleaner**

(Contd. of page 5)

- **Transport hazard class(es)**
- **DOT, IMDG, IATA**
- **Class** Not regulated.
- **Packing group**
- **DOT, IMDG, IATA** Not regulated.
- **Special precautions for user** Not applicable.
- **UN "Model Regulation":** Not regulated.

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Canadian substance listings**

· <b>Canadian Domestic Substances List (DSL)</b>
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All ingredients are listed.
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· <b>Canadian Ingredient Disclosure list (limit 0.1%)</b>
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None of the ingredients is listed.
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· <b>Canadian Ingredient Disclosure list (limit 1%)</b>
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151-21-3	Sodium Lauryl Sulfate
67-63-0	Isopropyl Alcohol

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

- **Department issuing SDS:**  
Prepared by :  
Regulatory Affairs Department
- **Contact:** For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.