



**OPTIMUM POLYMER TECHNOLOGIES, INC.**  
**GHS SAFETY DATA SHEET**

**Section 1: Identification**

Product Name: Fabric Cleaner & Protectant Product Code: 107

Trade Name: Optimum Carpet & Fabric Clean & Protect

Manufacturer/Supplier:

Optimum Polymer Technologies, Inc.  
4130 Senator Street  
Memphis, TN 38118  
Tel: 1 (901) 363-4955  
Fax: 1 (901) 363-4956

Email: [info@optimumcarcare.com](mailto:info@optimumcarcare.com)

Adres:  
Optimum Car Care  
Opaalstraat 10  
7554 TS  
Hengelo (OV) Nederland

Emergency Telephone Number:

24 Hour Emergency Assistance: (901) 292-4324

CHEMTREC Customer Service  
1-800-262-8200 (within the U.S.)  
+1 703-741-5500 (US or Canada)  
[chemtrec@chemtrec.com](mailto:chemtrec@chemtrec.com)  
[www.chemtrec.com](http://www.chemtrec.com)

Telefoon:  
+31(0)743577679  
[Info@Optimumcarcare.NL](mailto:Info@Optimumcarcare.NL)

Emergency Telephone Number:  
Nationaal Advies Orgaan/ Vergiftigings Centrum: 030-274 88 88  
Uitsluitend voor professionele Hulpverleners. Open 24/7

Product Use: Automotive Cleaner & Protectant

Not recommended for: N/A

**Section 2: Hazards Identification**

**OSHA Hazards**

No known OSHA Hazards

**GHS Ratings:**

Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Eye corrosive	2B	Eye Irritation: Reversible adverse effects on cornea, iris, conjunctiva, Draize score: Corneal opacity >= 1, Iritis > 1, Redness >= 2, Chemosis >= 2

**GHS label elements including precautionary Statements**

**GHS Hazards**

H316 Causes mild skin irritation  
H320 Causes eye irritation

**GHS Precautions**

P302+352 IF ON SKIN: Wash with soap and water  
P305+351+338 IF IN EYES: Rinse continuously with  
water for several minutes. Remove  
contact lenses if present and easy to  
do – continue rinsing



GHS07

GHS05

**Signal Word: Warning**

#### Hazardous Material Information System (HMIS)

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>A</b>

#### HMIS & NFPA Hazard Rating

##### Legend

\* = Chronic Health Hazard

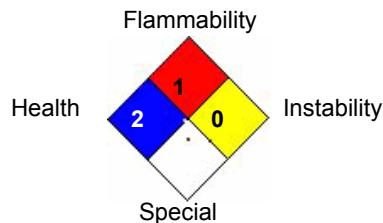
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

#### National Fire Protection Association (NFPA)



#### Effects of Overexposure

None known.

#### Section 3: Composition/ Information on Ingredients

Chemical Name	CAS Number	Concentration
Sodium Metasilicate	6834-92-0	5.00
Alcohol ethoxylates	68131-39-5	1.00 - 5.00
Anionic Surfactant	Proprietary	1.00 - 5.00

#### Section 4: First Aid Measures

##### Inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### Eye Contact:

In case of eye contact, rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if irritation persists.

##### Skin Contact:

In case of skin contact, wash off with soap and water. Consult a physician if irritation persists.

##### Ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### Section 5: Fire Fighting Measures

LEL: N/A

UEL: N/A

##### Conditions of Flammability

Not flammable or combustible

##### Extinguishing Media

Use water spray, carbon dioxide foam, or dry chemical.

**Unusal Fire or Explosion Hazards:**

None known.

**Hazardous Combustion Products:**

Carbon monoxide, carbon dioxide

**Fire Fighting Equipment**

Wear self contained breathing apparatus for fire fighting if necessary

**Section 6: Accidental Release Measures****Personal Precautions**

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation exists.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Contact local and state authorities if spill enters open waters.

**Small spills**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable closed container for disposal.

**Large Spills**

Use dykes to contain the spill. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Contact local and state authorities if spill enters open waters.

**Section 7: Handling and Storage**

Follow label directions for proper usage and SDS for safe handling and storage

**Handling Precautions**

Avoid contact with eyes or prolong contact with skin. Areas of storage, preparations, and application should be well ventilated. Do not smoke, eat, or drink when using this product.

**Storage Requirements**

Store between 5C and 40C. Keep container tightly closed in a dry well ventilated area away from sources of flame, heat, and direct sunlight

**Section 8: Exposure Controls/ Personal Protection**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium Metasilicate 6834-92-0	PEL 5mg/m3	Not Determined	Not Determined
Alcohol ethoxylates 68131-39-5	Not Determined	Not Determined	Not Determined
Anionic Surfactant	Not Determined	Not Determined	Not Determined

**Control Parameters:**

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

**Ventilation**

Use adequate ventilation.

**Protective Gear**

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

**Protection of Hands:**

Wear chemical resistant gloves such as North Silver Shields(R) or Viton(R). For limited use, PVC or nitrile gloves may be worn. Silver Shield is a registered trademark of Siebe North, Inc. Viton is a registered trademark of E. I. DuPont deNemours and Company, Inc.

**Respiratory Protection**

Not required

**Body protection**

Not required

**Contaminated Gear**

Remove contaminated clothing. Thoroughly wash contaminated clothing before reuse.

**Section 9: Physical and Chemical Properties**

**Odor threshold:** Not Determined

**pH:** 11.5

**Melting point:** 0 C

**Boiling range:** 100 C

**Evaporation rate:** Not Determined

**Explosive Limits:** Not Applicable

**Autoignition temperature:** Not Applicable

**Viscosity:** 10 cps

**Appearance:** Milky White Liquid

**Vapor Pressure:** Not Determined

**Vapor Density:** Not Determined

**Density:** 1.00

**Freezing point:** 0 C

**Flash point:** Not Determined

**Flammability:** Not Applicable

**Partition coefficient (n-octanol/water):** Not Determined

**Decomposition temperature:** Not Determined

**Grams VOC less water:** 6 g

**Odor:** Mild

**Solubility:** 100 %

**Section 10: Stability and Reactivity**

Follow label directions for proper usage.

**Stability**

Stable

**Materials to avoid:**

Avoid strong oxidizing agents

**Reactivity**

Not reactive.

**Hazardous Decomposition:**

None if used for intended purpose

**Hazardous Decomposition Products:**

Carbon monoxide

**Conditions to avoid**

Avoid freezing and temperatures over 40 C

Hazardous polymerization will not occur.

## Section 11: Toxicology Information

**Mixture Toxicity:** Not Known

### **Component Toxicity:**

Sodium Metasilicate  
Alcohol ethoxylates  
Anionic Surfactant

### **Acute toxicity**

#### **Oral LD50**

No data available

#### **Inhalation LC50**

No data available

#### **Dermal LD50**

No data available

#### **Skin corrosion/irritation**

No data available

#### **Serious eye damage/eye irritation**

No data available

#### **Respiratory or skin sensitisation**

No data available

### **Carcinogenicity**

**IARC:** No known component of this product is identified as probable, possible, or confirmed human carcinogen by IARC

**ACGIH:** No component of this product is identified as probable, possible, or confirmed human carcinogen by ACGIH

**NTP:** No component of this product is identified as probable, possible, or confirmed human carcinogen by NTP

**OSHA:** No component of this product is identified as probable, possible, or confirmed human carcinogen by OSHA

## Section 12: Ecological Information

### **Biodegradability**

The components of this product are primarily biodegradable at 90% or above within 28 days .

### **Persistence and degradability:**

No relevant information is available.

### **Bioaccumulative potential:**

No relevant information is available.

### **Mobility in soil:**

No relevant information is available.

### **Other adverse effects:**

None known.

**Section 13: Disposal Considerations****Method of disposal:**

Dispose according to local and regional regulations for waste disposal.

**Section 14: Transportation Information****Marine pollutant:**

No

**Transport in bulk (according to Annex II of Marpol 73/78 and IBC Code):**

Not applicable

**Special requirements for user:**

Not applicable.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT(US)	Not Dangerous Goods	N/A	N/A	N/A
IATA	Not Dangerous Goods	N/A	N/A	N/A
IMDG	Not Dangerous Goods	N/A	N/A	N/A
ADR	Not Dangerous Goods	N/A	N/A	N/A

**Section 15: Regulatory Information****California**

This product contains no chemicals listed by the state of California under the safe drinking water and toxic enforcement act of 1986 (Proposition 65) as being known to cause cancer, birth defects, or other reproductive harm .

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
USA	California Proposition 65	No
USA	Sara 311/312	No
USA	Sara 313 Components	No
USA	Sara 302	No
USA	SARA 304	No

**EU Risk Phrases**

R36: Irritating to eyes

R38: Irritating to skin

**Safety Phrase**

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37: Wear suitable gloves

S39: Wear eye/face protection

**TSCA**

The components of this product are included on or exempted from listing on TSCA inventory of chemical substances.

**Section 16: Other Information**

**Department Issuing Safety Data Sheet:** Safety Department  
**Contact:** davidg@optimumcarcare.com

**ACGIH:** American Conference of Governmental Industrial Hygienists  
**CAS:** Chemical Abstracts Service Registry Number  
**DOT:** Department of Transportation  
**EPA:** Environmental Protection Agency  
**IARC:** International Agency for Research on Cancer  
**IATA:** International Air Transport Association  
**IMDG:** International Maritime Dangerous Goods  
**NTP:** National Toxicology Program  
**OSHA:** Occupational Safety Health Administration  
**PEL:** Permissible Exposure Limit (OSHA)  
**TSCA:** Toxic Substance Control Act

Date Prepared: 4/17/2014

Date revised: 2014-04-14

Reviewer Revision 1

The information contained in this document is believed to be accurate to the best of our current knowledge but is not all inclusive and shall be used only as a guide. It is provided in good faith but without warranty, expressed or implied, as to the results of the use of the information and/or this product. Optimum and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.