



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

**Section 1: Identification**

Product Name: FerreX Product Code: 108

Trade Name: FerreX

Manufacturer/Supplier:

Optimum Polymer Technologies, Inc.

5768 Distribution Drive

Memphis, TN 38141

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:

Not recommended for:

**Section 2: Hazards Identification**

**OSHA Hazards**

No known OSHA Hazards

**GHS Ratings:**

Not Applicable

**GHS label elements including precautionary Statements**

## GHS Hazards

H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation

## GHS Precautions

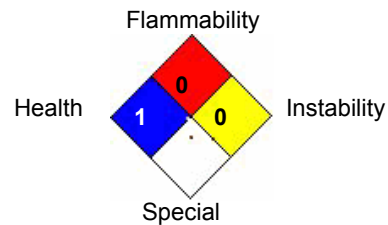
P264	Wash ... thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/protective clothing/eye protection/face protection
P330	Rinse mouth
P362	Take off contaminated clothing and wash before reuse
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P305+351+338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+313	If skin irritation occurs: Get medical advice/attention
P337+313	Get medical advice/attention
P501	Dispose of contents/container to ...

Signal Word: Warning

### Hazardous Material Information System (HMIS)

HEALTH	1	<b>HMIS &amp; NFPA Hazard Rating Legend</b> * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	0	
PHYSICAL HAZARD	0	
PERSONAL PROTECTION	B	

### National Fire Protection Association (NFPA)



### Effects of Overexposure

None known.

### Section 3: Composition/ Information on Ingredients

Chemical Name	CAS Number	Concentration
Sodium thioglycolate	367-51-1	10.00 - 20.00

### 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.

**Unusual 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 thioglycolate 367-51-1			

**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**

Not Required

**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**

<b>Boiling Point</b> 100 °C, 212 °F	<b>% Volume Volatile</b> 1.17
<b>Specific Gravity (SG)</b> 1.058	<b>Lbs VOC/Gallon Less Water</b> 0.00

**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

Oral Toxicity: 2,544.00mg/kg

**Component Toxicity:**

Sodium thioglycolate

- Oral Toxicity: 504.00 mg/kg (Mouse)

**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 polutant:**

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>
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**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	CERCLA	No
USA	Sara 311/312	No
USA	Sara 313 Components	No
USA	Sara 302	No
USA	SARA 304	No

**EU Risk Phrases**

**Safety Phrase**

**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: 11/18/2014

Date revised: 2014-11-18

Reviewer Revision 1

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