

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
OSHA GHS

Printing date: March 16, 2016

Revision: March 16, 2016

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

- Trade name: **Small Particle Reagent, Black**
- Product code: 1-2766 (1004107)

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Sector of Use  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Application of the substance / the mixture: Forensic examination.
- Uses advised against: Contact manufacturer.

### 1.3 Details of the supplier of the Safety Data Sheet

- Manufacturer/Supplier:  
Safariland, LLC  
13386 International Parkway  
Jacksonville, FL 32218  
Customer Care (800) 347-1200



### 1.4 Emergency telephone number:

- ChemTel Inc.  
+1 (800)255-3924, +1 (813)248-0585

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008  
The product is not classified as hazardous according to GHS regulations.  
The product is not classified as hazardous according to the CLP regulation.

### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 Not Regulated
- Hazard pictograms Not Regulated
- Signal word Not Regulated
- Hazard-determining components of labelling: None.
- Hazard statements Not Regulated
- NFPA ratings (scale 0 - 4)



### · HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

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- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Components:** None in reportable quantities.
- **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:**  
Unlikely route of exposure.  
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Wash with soap and water.  
If skin irritation is experienced, consult a doctor.
- **After eye contact:**  
Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Unlikely route of exposure.  
Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**  
Gastric or intestinal disorders when ingested.
- **Hazards:** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

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· **Additional information:** No further relevant information available.

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## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation
- **6.2 Environmental precautions** No special measures required.
- **6.3 Methods and material for containment and cleaning up**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.
- **6.4 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.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Do not store together with acids.
- **Further information about storage conditions:** No special requirements.
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients 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.
- **DNELs:** No further relevant information available.
- **PNECs:** No further relevant information available.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Keep away from foodstuffs, beverages and feed.
- **Respiratory protection:** Not required under normal conditions of use.
- **Protection of hands:** Gloves not required under normal conditions of use.
- **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:** Not required.

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- **Limitation and supervision of exposure into the environment:** No special requirements.
- **Risk management measures:** No special requirements.

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · Appearance

Form:	Liquid
Colour:	Dark
· Odour:	Odourless
· Odour threshold:	Not determined.

· pH-value:	Not determined.
· Melting point/Melting range:	Not determined.
· Boiling point/Boiling range:	100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Auto/Self-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

#### · Explosion limits

Lower:	Not determined.
Upper:	Not determined.

· **Vapour pressure:** Not determined.

· **Density:** Not determined.

· **Relative density:** Not determined.

· **Vapour density:** Not determined.

· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with water:** Dispersible.

· **Partition coefficient (n-octanol/water):** Not determined.

#### · Viscosity

Dynamic:	Not determined.
Kinematic:	Not determined.

· **9.2 Other information** No further relevant information available.

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## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Toxic fumes may be released if heated above the decomposition point.
- **10.4 Conditions to avoid** Excessive heat and contact with acids.
- **10.5 Incompatible materials** Contact with acids liberates hazardous fumes.
- **10.6 Hazardous decomposition products** Possible in traces.

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** None.
- **Primary irritant effect**
- **Skin corrosion/irritation:** May have mild irritant effect on skin
- **Serious eye damage/irritation:** May cause mild to severe irritation.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **Carcinogenic categories**

<b>· IARC (International Agency for Research on Cancer):</b>
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None of the ingredients are listed.
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<b>· NTP (National Toxicology Program):</b>
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None of the ingredients are listed.
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<b>· OSHA-Ca (Occupational Safety &amp; Health Administration):</b>
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None of the ingredients are listed.
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- **Probable routes of exposure:**

- Ingestion.
- Inhalation.
- Skin contact.
- Eye contact.

- **Acute effects (acute toxicity, irritation and corrosivity):** From product as supplied: None.
- **Repeated dose toxicity:** From product as supplied: None.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

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## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Generally not hazardous for water
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Dispose of product waste as well as containers according to all local, state, and federal regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>   | <p>Not regulated for transport.<br/>Not Regulated</p>                                     |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>  | <p>Not regulated for transport.<br/>Hazard class 8/Packing Group II<br/>Not Regulated</p> |
| <ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>   | <p>None<br/>Not regulated for transport.</p>  |
| <div style="display: flex; align-items: center;">  <p>Elevated temperature label required.</p> </div> |   |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> </ul>   | <p>Not Regulated</p>  |
| <ul style="list-style-type: none"> <li>· <b>ADR, IMDG</b></li> <li>· <b>Class</b></li> </ul>   | <p>Not Regulated</p>  |
| <ul style="list-style-type: none"> <li>· <b>IATA</b></li> <li>· <b>Class</b></li> </ul>  | <p>Not regulated for transport.<br/>Not Regulated</p>                                     |

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<ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>	<ul style="list-style-type: none"> <li>Not regulated for transport.</li> <li>Not Regulated</li> </ul>
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<ul style="list-style-type: none"> <li>· <b>14.5 Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>	<ul style="list-style-type: none"> <li>No</li> </ul>
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<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
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<ul style="list-style-type: none"> <li>· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b></li> </ul>	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
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## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

None of the ingredients are listed.

- **Proposition 65 (California):**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

- **Carcinogenic Categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients are listed.

- **IARC (International Agency for Research on Cancer)**

None of the ingredients are listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients are listed.

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- **Canada**

<b>· Canadian Domestic Substances List (DSL)</b>
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None of the ingredients are listed.
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<b>· Canadian Ingredient Disclosure list (limit 0,1%)</b>
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None of the ingredients are listed.
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<b>· Canadian Ingredient Disclosure list (limit 1%)</b>
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None of the ingredients are listed.
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- **Other regulations, limitations and prohibitive regulations**

<b>· Substances of very high concern (SVHC) according to REACH, Article 57</b>
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None of the ingredients are listed.
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- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

- **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety &amp; Health

- **Sources**

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