

GW-1

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: GW-1
SDS Number: GW-1
Revision Date: 06/14/2022
Product Use: NDT Inspection, Magnetic Particle

Supplier Details: Sherwin Inc.
 5530 Borwick Avenue
 South Gate, CA 90280

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Emergency telephone number:

ChemTel 1-800-255-3924 in U.S.A, Canada, Puerto Rico and US Virgin Islands;
 ChemTel +1-813-248-0585 outside U.S.A, Canada, Puerto Rico and US Virgin Islands
 ChemTel Brazil: 0-800-591-6042, China: 400-120-0751, India: 000-800-100-4086 and Mexico: 01-800-099-0731

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 None, ,

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:



GHS Hazard Statements:

H000 - None

GHS Precautionary Statements:

Observe good industrial hygiene practices.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Wash hands after handling

Hazard statement

May form combustible dust concentrations in air.
 Prevent dust accumulations to minimize explosion hazard.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:

CAS#

% Chemical Name:

1317-61-9

>70% Iron oxide



GW-1

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention now.
Skin Contact: Wash with soap and water. Get medical attention if irritation develops and persists.
Eye Contact: Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.
Ingestion: Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

5 FIRE FIGHTING MEASURES

Flash Point: Not applicable
Autoignition Temp: N/A
Lower Explosive Limit: N/A
UEL: N/A

Suitable extinguishing agents: Water haze, Foam, ABC powder. Apply extinguishing media carefully to avoid creating airborne dust.

Unsuitable extinguishing: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from: Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard. Protective equipment: As in any fire, wear self-contained respiratory protective device. Wear fully protective suit.

General fire hazards: Heat may cause the containers to explode. May form combustible dust concentrations in air.

Suitable extinguishing agents: Water fog, Dry chemical, Carbon dioxide

Special combustion hazards arising from the substance or mixture: If heated to decomposition, gases hazardous to health may be formed

Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit

Unsuitable extinguishing media: High volume water jet

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Remove all ignition sources. Avoid further dust formation. If dusty conditions wear respiratory protective device with dust filter, gloves and protective clothing for hygienic reasons. Ensure adequate ventilation

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS.

7 HANDLING AND STORAGE

Handling Precautions: Minimize dust generation and accumulation
Do not breathe dust.
Provide adequate ventilation.
Wear appropriate personal protective equipment.
Observe good industrial hygiene.

GW-1

Storage Requirements: Keep container tightly closed in a dry, cool and well-ventilated place.
Keep away from heat.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation for storage areas.
Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Personal Protective Equipment: Wear safety glasses with side shields. Wear a full-face respirator, if needed.
For prolonged or repeated skin contact use suitable protective gloves.

Exposure Limits:

No exposure limits noted for ingredient(s)



Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with eyes and skin.
Routinely wash work clothing and protective equipment to remove contaminants.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark green solid	Odor:	Odorless
Physical State:	Powder		
Spec Grav./Density:	.56 (68 °F (20 °C))	Solubility:	Insoluble in water
Viscosity:	Not applicable	Freezing/Melting Pt.:	Not applicable
Flammability:	Not applicable	Flash Point:	Non-combustible
Vapor Pressure:	Not applicable	Bulk Density:	Not determined
Evaporation Rate:	Not applicable	Auto-Ignition Temp:	No data available

10 STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability: Product is stable under normal conditions.
Conditions to Avoid: Contact with incompatible materials. Avoid dispersal of dust formation.
Materials to Avoid: Acids. Strong Oxidizing Agents.



GW-1

Hazardous Decomposition: No dangerous decomposition products known
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation Inhalation of dusts may cause respiratory irritation. Prolonged inhalation may be harmful.

Skin contact Dust or powder may irritate the skin.

Eye contact Dust in the eyes will cause irritation.

Ingestion Expected to be a low ingestion hazard.

Acute toxicity

Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation

Respiratory/skin sensitization

Not expected to be a sensitizer

IARC Monographs. Overall Evaluation of Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

This product is not expected to cause reproductive or developmental effects.

STOT single exposure

Not classified

STOT repeated exposure

Not classified

12 ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistency and degradability

No data available.

Bioaccumulative potential

No data available

Mobility in soil

No data available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations
Collect all waste in suitable and labeled containers and dispose according to local legislation.
Do not re-use empty containers.



GW-1

14 TRANSPORT INFORMATION

DOT, IATA, IMDG:

Not regulated

15 REGULATORY INFORMATION

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA HazardCommunication Standard, 29 CFR 1910.1200.

TSCA All components are on the Inventory list.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed

SARA 311/312 Hazard classes

Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Formaldehyde CAS 50-00-0 RQ 100 lbsThresold planning quantity 500 lbs

SARA 313 (TRI reporting)

Not regulated

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.

16 OTHER INFORMATION

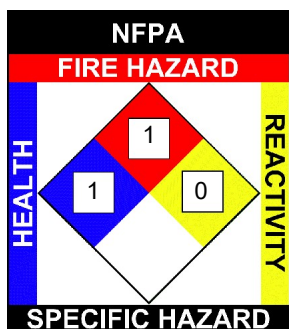


SAFETY DATA SHEET

SHERWIN INC.

GW-1

NFPA: Health = 1, Fire = 1, Reactivity = 0, Specific Hazard = n/a



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.

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