



Black Oxide

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Black Oxide
SDS Number: Black Oxide Bulk
Revision Date: 6/14/2022
Product Use: NDT inspection magnetic particle

Supplier Details: Sherwin Inc.
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South Gate, CA 90280

Phone: 562-861-6324
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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: 800-099-0731

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Health, Aspiration hazard, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H304 - May be fatal if swallowed and enters airways

GHS Precautionary Statements:

P264 - Wash ... thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 - IF SWALLOWED: Immediately call a doctor
P331 - Do NOT induce vomiting.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
64742-47-8	80-99%	Distillates (petroleum), hydrotreated light

Component information

The product contains no other substances which at their given concentration, are considered to be hazardous to health.

4 FIRST AID MEASURES

Inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.



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Skin Contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids to facilitate irrigation. Get medical attention, if irritation persists.
Ingestion: If swallowed, call a poison control centre or doctor immediately. Keep respiratory tract clear. Do NOT induce vomiting or attempt chemical neutralization. If symptoms persist, call a physician.

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FIRE FIGHTING MEASURES

Flash Point: > 93 °C (> 200 °F)
Flash Point Method: ASTM D-93
Autoignition Temp: Not determined
Lower Explosive Limit: Not determined
UEL: Not determined
Suitable extinguishing agents: Water haze, Foam, ABC powder

Special hazards arising from the substance or mixture: Carbon monoxide, carbon dioxide and phosphorous oxide

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

Unsuitable extinguishing media: High volume water jet

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ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

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

Methods and material for containment and cleaning up:
Collect liquid in an appropriate container or absorb with an inert material such as vermiculite, dry sand, or earth; DO NOT use combustible materials.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation..Place in a chemical waste container.

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HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Consider normal working hygiene.

Storage Requirements: Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.
Containers may be hazardous when empty since residue liquid may be present

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation for storage areas.

Personal Protective Equipment: Chemical resistant gloves;
Chemical safety glasses;
No personal respiratory protective equipment normally required. In case of vapor formation or aerosols use an organic vapor respirator with dust, mist, and fume filters;
Impervious clothing.

Exposure Limits: Contains no substances with occupational exposure limits. The following manufacturer's internal standard would apply: 100ppm (525 mg/m³) for 8-hour TWA (exposure limit for petroleum distillate - standard solvent)

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Engineering controls:	Eyewash stations Showers Ventilation systems
Respiratory protection:	No protective equipment is needed under normal use conditions. If case of mist, spray or aerosol exposure, wear suitable personal respiratory protection and equipment. Use Niosh approved respiraory protection.
Eyes:	Wear as appropriate, glasses, goggles, face-shield.
Skin:	Wear suitable protective clothing as appropriate.



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.

9	PHYSICAL AND CHEMICAL PROPERTIES		
Appearance:	Clear liquid with black partilces		
Physical State:	Liquid with black particles that settle	Odor:	Hydrocarbons
Spec Grav./Density:	0.81, liquid	Solubility:	Not soluble in water
Viscosity:	Kinematic at 37.8 °C (100 °F): 2.7 cSts (ASTM D455), liquid	Flash Point:	> 93 °C (> 199 °F) (ASTM D-93)
Boiling Point:	240 °C (464 °F)	Vapor Density:	6.8, liquid
Vapor Pressure:	< 0.1 mmHg @ 20 °C (68 °F)	Auto-Ignition Temp:	No data available
pH:	Not applicable	UFL/LFL:	No data available
Evaporation Rate:	Not determined		
10	STABILITY AND REACTIVITY		
Reactivity:	No dangerous reaction under normal use.		



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Chemical Stability: Product is stable under normal conditions.
Conditions to Avoid: Elevated temperatures
Identification:
Materials to Avoid: Strong Acids;
Strong Bases
Strong Oxidizing Agents.
Hazardous Decomposition: No dangerous decomposition products known
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity

Inhalation: LC50: >0.5 mg/l
LC/50 (Rat) (1 hour): >24.1 mg/l
Oral: LC50 Rat: > 5000 mg/kg

Skin corrosion/irritation: Primary irritant.

Serious eye damage/irritation: Primary irritant.

Skin sensitization: No data available

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT - single exposure: No data available
STOT - repeated exposure: No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Not toxic to aquatic organisms up to the substance's water solubility.

Persistence and degradability

Liquid: Readily biodegradable.

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

Empty containers may retain product residue (liquid and/or vapor) and can be dangerous.



SAFETY DATA SHEET

SHERWIN INC.

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TRANSPORT INFORMATION

DOT, IATA, IMDG

Not regulated

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REGULATORY INFORMATION

Toxic Substances Control Act, TSCA: All components listed

SARA 302: No chemicals in this product are subject to reporting requirements of SARA Title III, Section 302

SARA 304 Emergency release notification: Not regulated.

SARA 311/312 Reportable GHS Hazards: Aspiration hazard

SARA 313: This product does not contain a chemical listed at or above de minimis concentration

CERCLA Reportable Quantity: None

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.

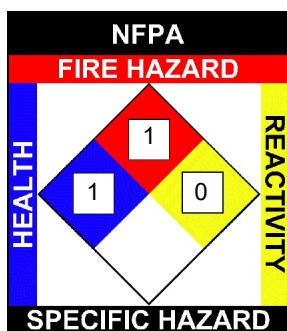
Safe Drinking Water Act Not regulated.

Waste Classification: This product does not meet RCRA's characteristic definition of ignitibility, corrosivity, or reactivity and is not a listed waste nor listed in 40CFR 261.33

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OTHER INFORMATION

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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