SAFETY DATA SHEET

1. Identification

Product identifier	**Garnet Sand**
Other means of identification	Not available.
Recommended use	Water Treatment Filter Media
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	Pro Products LLC
Address	6714 Pointe Inverness Way Suite 200 Fort Wayne IN 46804-7935 United States
Telephone	260-483-2519
E-mail	Not available.
Emergency phone number	1-800-424-9300 (CHEMTREC)
Supplier	See above.

2. Hazard identification

Physical hazards	Not classified.	
Health hazards	Serious eye damage/eye irritation	Category 2
	Reproductive toxicity	Category 2
Environmental hazards	Not classified.	
WHMIS 2015 defined hazards	Not classified	

Label elements

Signal word	Warning
Hazard statement	Causes serious eye irritation. Suspected of damaging fertility or the unborn child.

Precautionary statement

Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves and eye protection.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If exposed or concerned: Get medical attention.
Storage	Store locked up.
Disposal	Dispose of container in accordance with local, regional, national and international regulations.

WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/Information on ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Aluminum oxide		1344-28-1	10-30*
Calcium oxide		1305-78-8	0.5-1.5*
Ferric oxide		1309-37-1	15-40*
Magnesium oxide		1309-48-4	5-10*
Manganese oxide (Mn3O4)		1317-35-7	0.5-1.5*
Silica		7631-86-9	15-40*

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments

US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation

If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Skin contact

Brush away excess of dry material. Flush with water. Obtain medical attention if irritation persists.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Ingestion

Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.

Most important symptoms/effects, acute and delayed

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

General information

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Wear impervious gloves and safety glasses. Keep out of reach of children.

5. Fire-fighting measures

Suitable extinguishing media

Treat for surrounding material.

Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical

Firefighters should wear a self-contained breathing apparatus.

Special protective equipment and precautions for firefighters

Firefighters should wear full protective clothing including self-contained breathing apparatus.

Fire-fighting equipment/instructions

In the event of fire, cool tanks with water spray. Cool containers with flooding quantities of water until well after fire is out.

Specific methods

Cool containers exposed to flames with water until well after the fire is out.

General fire hazards

No unusual fire or explosion hazards noted.

Hazardous combustion products

May include and are not limited to: Oxides of aluminum.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Absorb with inert absorbent. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Do not get in eyes, on skin or on clothing. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities	Store locked up. Store in a closed container away from incompatible materials. Keep out of the reach of children.

8. Exposure controls/Personal protection

Occupational exposure limits

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	TWA	10 mg/m3	
Calcium oxide (CAS 1305-78-8)	TWA	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable.
Magnesium oxide (CAS 1309-48-4)	TWA	10 mg/m3	Fume.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	TWA	0.2 mg/m3	

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Calcium oxide (CAS 1305-78-8)	TWA	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	STEL	10 mg/m3	Fume.
	TWA	5 mg/m3	Fume.
		5 mg/m3	Dust.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
Magnesium oxide (CAS 1309-48-4)	STEL	10 mg/m3	Respirable dust and/or fume.
	TWA	3 mg/m3	Respirable dust and/or fume.
		10 mg/m3	Inhalable fume.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	TWA	0.2 mg/m3	Total
		0.02 mg/m3	Respirable.

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Calcium oxide (CAS 1305-78-8)	TWA	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
Magnesium oxide (CAS 1309-48-4)	TWA	10 mg/m3	Inhalable fraction.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	TWA	0.1 mg/m3	Inhalable fraction.
		0.02 mg/m3	Respirable fraction.

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
Calcium oxide (CAS 1305-78-8)	TWA	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
Magnesium oxide (CAS 1309-48-4)	TWA	10 mg/m3	Inhalable fraction.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	TWA	0.1 mg/m3	Inhalable fraction.

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	TWA	10 mg/m3	Total dust.
Calcium oxide (CAS 1305-78-8)	TWA	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
		10 mg/m3	Total dust.
Magnesium oxide (CAS 1309-48-4)	TWA	10 mg/m3	Fume.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	TWA	1 mg/m3	

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	15 minute	20 mg/m3	
	8 hour	10 mg/m3	
Calcium oxide (CAS 1305-78-8)	15 minute	4 mg/m3	
	8 hour	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	15 minute	20 mg/m3	
		10 mg/m3	Dust and fume.
	8 hour	5 mg/m3	Dust and fume.
		10 mg/m3	
Magnesium oxide (CAS 1309-48-4)	15 minute	20 mg/m3	Inhalable fraction.
	8 hour	10 mg/m3	Inhalable fraction.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	15 minute	0.6 mg/m3	
	8 hour	0.2 mg/m3	

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Calcium oxide (CAS 1305-78-8)	PEL	5 mg/m3	
Ferric oxide (CAS 1309-37-1)	PEL	10 mg/m3	Fume.
Magnesium oxide (CAS 1309-48-4)	PEL	15 mg/m3	Total particulate.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	Ceiling	5 mg/m3	

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Ferric oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Magnesium oxide (CAS 1309-48-4)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
		15 mppcf	Respirable fraction.
Silica (CAS 7631-86-9)	TWA	0.8 mg/m3 20 mppcf	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Aluminum oxide (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Calcium oxide (CAS 1305-78-8)	TWA	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
Magnesium oxide (CAS 1309-48-4)	TWA	10 mg/m3	Inhalable fraction.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	TWA	0.1 mg/m3	Inhalable fraction.
		0.02 mg/m3	Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Calcium oxide (CAS 1305-78-8)	TWA	2 mg/m3	
Ferric oxide (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	STEL	3 mg/m3	Fume.
	TWA	1 mg/m3	Fume.
Silica (CAS 7631-86-9)	TWA	6 mg/m3	

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. 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. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses or goggles.

Skin protection

Hand protection Impervious gloves. Confirm with reputable supplier first.

Other Wear appropriate chemical resistant clothing. As required by employer code.

Respiratory protection Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

Thermal hazards Not applicable.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using do not eat or drink. Use good industrial hygiene practices in handling this material.

9. Physical and chemical properties

Appearance Crystalline.

Physical state Solid.

Form Solid. Particles

Color Dark brown to Light brown

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point 2399 °F (1315 °C)

Initial boiling point and boiling range Not available.

Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	3.8 - 3.9
Solubility(ies)	Insoluble
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid dust generation.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of aluminum.

11. Toxicological information

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Information on likely routes of exposure	
Ingestion	May cause stomach distress, nausea or vomiting.
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Skin contact	Not expected to be a primary skin irritant.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Information on toxicological effects	
Acute toxicity	See below.

Components	**Species**	**Test Results**
Aluminum oxide (CAS 1344-28-1)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Rat	> 2.3 mg/L, 4 Hours, ECHA
		7.6 mg/L, 1 Hours
Oral		
LD50	Rat	> 2000 mg/kg, ECHA

Components	Species	Test Results
Calcium oxide (CAS 1305-78-8)		
Acute		
Dermal		
LD50	Rabbit	> 2500 mg/kg, 24 Hours, ECHA
Inhalation		
LC50	Rat	> 6 mg/m3, 4 hours, ECHA
Oral		
LD50	Rat	> 2000 mg/kg, ECHA
Ferric oxide (CAS 1309-37-1)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Rat	> 5.1 mg/l/4h, Sigma Aldrich
Oral		
LD50	Rat	> 5000 mg/kg, ECHA
Magnesium oxide (CAS 1309-48-4)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Not available	
Oral		
LD50	Rat	3870 mg/kg, Japan NITE
Manganese oxide (Mn3O4) (CAS 1317-35-7)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Rat	> 5.2 mg/L, 4 Hours, ECHA
Oral		
LD50	Rat	> 2000 mg/kg, ECHA
Silica (CAS 7631-86-9)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours, ECHA
Inhalation		
LC50	Rat	> 5 mg/L, 4 Hours, ECHA
Oral		
LD50	Rat	> 5000 mg/kg, ECHA

Skin corrosion/irritation	No adverse effects due to skin contact are expected.
Exposure minutes	Not available.
Erythema value	Not available.
Oedema value	Not available.
Serious eye damage/eye irritation	Causes serious eye irritation.
Corneal opacity value	Not available.
Iris lesion value	Not available.
Conjunctival reddening value	Not available.
Conjunctival oedema value	Not available.
Recover days	Not available.

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

Calcium oxide (CAS 1305-78-8)	Irritant

Respiratory sensitization Not available.

Skin sensitization Not expected to be a primary skin irritant.

Mutagenicity Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity Non-hazardous by WHMIS/OSHA criteria.

IARC Monographs. Overall Evaluation of Carcinogenicity

Ferric oxide (CAS 1309-37-1)	Volume 1, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.
Silica (CAS 7631-86-9)	Supplement 7, Volume 68 - 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not listed.

Reproductive toxicity Suspected of damaging fertility or the unborn child.

Teratogenicity Non-hazardous by WHMIS/OSHA criteria.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not available.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity See below

Ecotoxicological data

Components		Species	Test Results
Silica (CAS 7631-86-9)			
Algae	IC50	Algae	440 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7600 mg/L, 48 Hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Mobility in general Not available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

Transport of Dangerous Goods (TDG) Proof of Classification Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Canada CEPA Schedule I: Listed substance

Aluminum oxide (CAS 1344-28-1)	Listed.
Ferric oxide (CAS 1309-37-1)	Listed.
Magnesium oxide (CAS 1309-48-4)	Listed.

Canada Priority Substances List (Second List): Listed substance

Aluminum oxide (CAS 1344-28-1)	Listed.
Ferric oxide (CAS 1309-37-1)	Listed.
Magnesium oxide (CAS 1309-48-4)	Listed.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS 2015 Exemptions Not applicable

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

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Manganese oxide (Mn3O4) (CAS 1317-35-7) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Serious eye damage or eye irritation
Reproductive toxicity

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Aluminum oxide	1344-28-1	10-30*
Manganese oxide (Mn3O4)	1317-35-7	0.5-1.5*

Other federal regulations

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

Manganese oxide (Mn3O4) (CAS 1317-35-7)

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

Not regulated.

US state regulations

US - California Hazardous Substances (Director's): Listed substance

Aluminum oxide (CAS 1344-28-1)	Listed.
Calcium oxide (CAS 1305-78-8)	Listed.
Ferric oxide (CAS 1309-37-1)	Listed.
Magnesium oxide (CAS 1309-48-4)	Listed.
Manganese oxide (Mn3O4) (CAS 1317-35-7)	Listed.
Silica (CAS 7631-86-9)	Listed.

US - Illinois Chemical Safety Act: Listed substance

Manganese oxide (Mn3O4) (CAS 1317-35-7)

US - Louisiana Spill Reporting: Listed substance

Manganese oxide (Mn3O4) (CAS 1317-35-7) Listed.

US - Minnesota Haz Subs: Listed substance

Aluminum oxide (CAS 1344-28-1)	Listed.
Calcium oxide (CAS 1305-78-8)	Listed.
Ferric oxide (CAS 1309-37-1)	Listed.
Magnesium oxide (CAS 1309-48-4)	Listed.

Manganese oxide (Mn3O4) (CAS 1317-35-7) Listed.
Silica (CAS 7631-86-9) Listed.

US - North Carolina Toxic Air Pollutants: Listed substance

Manganese oxide (Mn3O4) (CAS 1317-35-7)

US - Texas Effects Screening Levels: Listed substance

Aluminum oxide (CAS 1344-28-1) Listed.
Calcium oxide (CAS 1305-78-8) Listed.
Ferric oxide (CAS 1309-37-1) Listed.
Magnesium oxide (CAS 1309-48-4) Listed.
Manganese oxide (Mn3O4) (CAS 1317-35-7) Listed.
Silica (CAS 7631-86-9) Listed.

US. Massachusetts RTK - Substance List

Aluminum oxide (CAS 1344-28-1)
Calcium oxide (CAS 1305-78-8)
Ferric oxide (CAS 1309-37-1)
Magnesium oxide (CAS 1309-48-4)
Manganese oxide (Mn3O4) (CAS 1317-35-7)
Silica (CAS 7631-86-9)

US. New Jersey Worker and Community Right-to-Know Act

Aluminum oxide (CAS 1344-28-1)
Calcium oxide (CAS 1305-78-8)
Ferric oxide (CAS 1309-37-1)
Magnesium oxide (CAS 1309-48-4)
Manganese oxide (Mn3O4) (CAS 1317-35-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Aluminum oxide (CAS 1344-28-1)
Calcium oxide (CAS 1305-78-8)
Ferric oxide (CAS 1309-37-1)
Magnesium oxide (CAS 1309-48-4)
Manganese oxide (Mn3O4) (CAS 1317-35-7)
Silica (CAS 7631-86-9)

US. Rhode Island RTK

Aluminum oxide (CAS 1344-28-1)
Calcium oxide (CAS 1305-78-8)
Ferric oxide (CAS 1309-37-1)
Magnesium oxide (CAS 1309-48-4)
Manganese oxide (Mn3O4) (CAS 1317-35-7)

US. California Proposition 65

This product is not subject to warning labeling under the California Proposition 65 regulation.

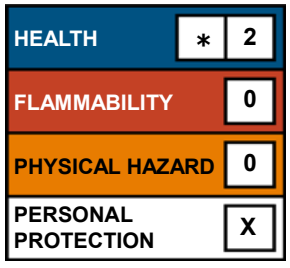
Inventory status

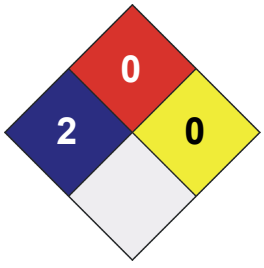
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0





Disclaimer

The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.

Issue date 11-August-2021

Version # 04

Effective date	11-August-2021
Prepared by	Dell Tech Laboratories, Ltd. Phone: (519) 858-5021
Further information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.
Other information	Redbook revision # 2, 8/11/16