
1. Identification

Product identifier Earthstone Grill Stone & EarthStone Multi-Purpose Stone**Other means of identification** Not available.**Recommended use** Not available.**Recommended restrictions** None known.**Manufacturer/Importer/Supplier/Distributor information****Manufacturer****Company name** Iron Out dba Summit Brands
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** Not classified.**Environmental hazards** Not classified.**WHMIS 2015 defined hazards** Not classified**Label elements****Hazard symbol** None.**Signal word** None.**Hazard statement** The mixture does not meet the criteria for classification.**Precautionary statement****Prevention** Observe good industrial hygiene practices.**Response** Wash hands after handling.**Storage** Store away from incompatible materials.**Disposal** Dispose of waste and residues in accordance with local authority requirements.**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** The components listed below are inextricably bound and not biologically available.**US:**

As per Appendix A to OSHA 1910.1200 - Health Hazard Criteria, the effect of a chemical on biological systems is influenced, by the physico-chemical properties of the substance and/or ingredients of the mixture and the way in which ingredient substances are biologically available. A chemical need not be classified when it can be shown by conclusive experimental data from scientifically validated test methods that the chemical is not biologically available.

CANADA:

As per section 2.9 of the Hazardous Products Regulations, if it can be shown by conclusive experimental data from scientifically validated methods that the mixture, material or substance is not biologically available, it need not be classified in any health hazard.

3. Composition/Information on ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Carbonic acid calcium salt (1:1)		471-34-1	1-5*
Fibrous glass		65997-17-3	80-100*
Silicon Carbide		409-21-2	0.1-1*

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	Not a normal route of harmful exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
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	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat patient symptomatically.
General information	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. Keep out of reach of children.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Pick up and discard.
Environmental precautions	Do not contaminate water.

7. Handling and storage

Precautions for safe handling	Avoid prolonged exposure. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Conditions for safe storage, including any incompatibilities	Keep out of 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
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	TWA	10 mg/m3	
Fibrous glass (CAS 65997-17-3)	TWA	0.2 fibers/cm3	Fiber.
		5 mg/m3	Total particulate.
		5 mg/m3	Fiber, total
Silicon Carbide (CAS 409-21-2)	TWA	0.1 fibers/cm3	Fiber.
		3 mg/m3	Respirable particles.
		10 mg/m3	Total particulate.

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

Components	Type	Value	Form
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	STEL	20 mg/m3	Total dust.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
Fibrous glass (CAS 65997-17-3)	TWA	0.2 fibers/cm3	Fiber.
		5 mg/m3	Inhalable fibers.
Silicon Carbide (CAS 409-21-2)	TWA	0.1 fibers/cm3	Fiber.
		3 mg/m3	Respirable.
		10 mg/m3	Inhalable

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

Components	Type	Value	Form
Fibrous glass (CAS 65997-17-3)	TWA	5 mg/m3	Inhalable fraction.
Silicon Carbide (CAS 409-21-2)	TWA	0.1 fibers/cm3	Fiber.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

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

Components	Type	Value	Form
Fibrous glass (CAS 65997-17-3)	TWA	0.5 fibers/cc	Respirable fibers.
		5 mg/m3	Inhalable fraction.
Silicon Carbide (CAS 409-21-2)	TWA	0.1 fibers/cc	Respirable.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

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

Components	Type	Value	Form
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	TWA	10 mg/m3	Total dust.
Fibrous glass (CAS 65997-17-3)	TWA	1 fibers/cm3n	Fiber.
		10 mg/m3	fibers, total dust
Silicon Carbide (CAS 409-21-2)	TWA	10 mg/m3	Total dust.

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

Components	Type	Value	Form
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	15 minute	20 mg/m3	
	8 hour	10 mg/m3	

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

Components	Type	Value	Form
Fibrous glass (CAS 65997-17-3)	15 minute	10 mg/m3	Inhalable fraction.
	8 hour	0.2 fibers/cc 5 mg/m3	Respirable fibers. Inhalable fraction.
Silicon Carbide (CAS 409-21-2)	15 minute	6 mg/m3	Respirable fraction.
		20 mg/m3	Inhalable fraction.
	8 hour	0.1 fibers/cc 3 mg/m3	Respirable fibers. Respirable fraction.
		10 mg/m3	Inhalable fraction.

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

Components	Type	Value	Form
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Silicon Carbide (CAS 409-21-2)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

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

Components	Type	Value	Form
Silicon Carbide (CAS 409-21-2)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Silicon Carbide (CAS 409-21-2)	TWA	0.1 fibers/cm3	Fiber.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Fibrous glass (CAS 65997-17-3)	TWA	3 fibers/cm3	Fibrous dust.
		3 fibers/cm3	Fiber.
		5 mg/m3	Fiber, total
		5 mg/m3	fibers, total dust
Silicon Carbide (CAS 409-21-2)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total

Biological limit values

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

Exposure guidelines

The components listed above are inextricably bound and not biologically available.

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

Not normally required when used as directed.

Skin protection

Hand protection

Not normally required when used as directed. Protective gloves are recommended for prolonged or repeated exposure.

Other

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

Respiratory protection	Not normally required if good ventilation is maintained. 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.

9. Physical and chemical properties

Appearance	Solid.
Physical state	Solid.
Form	Solid. Blocks
Color	Light grey
Odor	Odorless
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
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 available.
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	Not available.
Solubility(ies)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological information

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
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Information on likely routes of exposure

Ingestion	May cause stomach distress, nausea or vomiting.
Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Not known.

Components	Species	Test Results
Carbonic acid calcium salt (1:1) (CAS 471-34-1)		
Acute		
<i>Dermal</i>		
LD50	Rat	> 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	> 3 mg/L, 4 Hours, ECHA
<i>Oral</i>		
LD50	Mouse	6450 mg/kg, HSDB
	Rat	> 2000 mg/kg, ECHA
Fibrous glass (CAS 65997-17-3)		
Acute		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg, ECHA > 2000 mg/kg, ECHA
Silicon Carbide (CAS 409-21-2)		
Acute		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.		
Exposure minutes	Not available.	
Erythema value	Not available.	
Oedema value	Not available.	
Serious eye damage/eye irritation Direct contact with eyes may cause temporary 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		
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	Irritant	
Fibrous glass (CAS 65997-17-3)	Irritant	
Silicon Carbide (CAS 409-21-2)	Irritant	
Respiratory sensitization	Not a respiratory sensitizer.	

Skin sensitization	This product is not expected to cause skin sensitization.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	The components listed below are inextricably bound and not biologically available. As per section 2.9 of the Hazardous Products Regulations, if it can be shown by conclusive experimental data from scientifically validated methods that the mixture, material or substance is not biologically available, it need not be classified in any health hazard. As per Appendix A to OSHA 1910.1200 - Health Hazard Criteria, the effect of a chemical on biological systems is influenced, by the physico-chemical properties of the substance and/or ingredients of the mixture and the way in which ingredient substances are biologically available. A chemical need not be classified when it can be shown by conclusive experimental data from scientifically validated test methods that the chemical is not biologically available.
ACGIH Carcinogens	
Fibrous glass (CAS 65997-17-3)	A2 Suspected human carcinogen.
Silicon Carbide (CAS 409-21-2)	A2 Suspected human carcinogen.
Canada - Alberta OELs: Carcinogen category	
Fibrous glass (CAS 65997-17-3)	Suspected human carcinogen.
Silicon Carbide (CAS 409-21-2)	Suspected human carcinogen.
Canada - Manitoba OELs: carcinogenicity	
Fibrous glass (CAS 65997-17-3)	Suspected human carcinogen.
Silicon Carbide (CAS 409-21-2)	Suspected human carcinogen.
Canada - Quebec OELs: Carcinogen category	
Fibrous glass (CAS 65997-17-3)	Detected carcinogenic effect in animals.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Silicon Carbide (CAS 409-21-2)	Volume 111 - 2A Probably carcinogenic to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)	
Not listed.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Teratogenicity	Not available.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Not applicable.

12. Ecological information

Ecotoxicity	See below
Ecotoxicological data	
Components	Species
Carbonic acid calcium salt (1:1) (CAS 471-34-1)	Test Results
Aquatic	
Fish	LC50 Western mosquitofish (<i>Gambusia affinis</i>) > 56000 mg/L, 96 hours
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.
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.
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

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

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

Fibrous glass (CAS 65997-17-3) Listed.

Silicon Carbide (CAS 409-21-2) Listed.

Canada Priority Substances List (Second List): Listed substance

Silicon Carbide (CAS 409-21-2) 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**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not 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 No

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.

US state regulations See below

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

Fibrous glass (CAS 65997-17-3) Listed.

US - Minnesota Haz Subs: Listed substance

Carbonic acid calcium salt (1:1) (CAS 471-34-1) Listed.

Fibrous glass (CAS 65997-17-3) Listed.

Silicon Carbide (CAS 409-21-2) Listed.

US - Texas Effects Screening Levels: Listed substance

Carbonic acid calcium salt (1:1) (CAS 471-34-1) Listed.

Fibrous glass (CAS 65997-17-3) Listed.

Silicon Carbide (CAS 409-21-2) Listed.

US. Massachusetts RTK - Substance List

Carbonic acid calcium salt (1:1) (CAS 471-34-1)
 Fibrous glass (CAS 65997-17-3)
 Silicon Carbide (CAS 409-21-2)

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

Carbonic acid calcium salt (1:1) (CAS 471-34-1)
 Fibrous glass (CAS 65997-17-3)
 Silicon Carbide (CAS 409-21-2)

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

Carbonic acid calcium salt (1:1) (CAS 471-34-1)
 Fibrous glass (CAS 65997-17-3)
 Silicon Carbide (CAS 409-21-2)

US. Rhode Island RTK

Carbonic acid calcium salt (1:1) (CAS 471-34-1)
 Fibrous glass (CAS 65997-17-3)
 Silicon Carbide (CAS 409-21-2)

US. California Proposition 65

Not Listed.

Inventory status

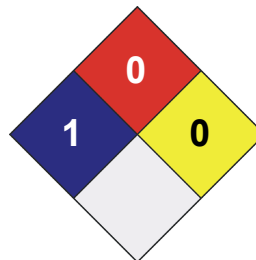
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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

HEALTH	/ 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

**Disclaimer**

The information in the safety data sheet was written by Dell Tech Laboratories Ltd. (www.delltech.com) based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Further information

Not available.

Other information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.