

Section 1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product Form	Mixture
Trade Name	DAUERGROUT E COMP C
Product Code	DGEC

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

Use	Industrial. For professional use only.
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1.2.2 Uses Advised Against

No additional information available

1.3 Details of the supplier of the safety data sheet

Manufacturer	Supplier
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NOX-CRETE MANUFACTURING INC
1444 SOUTH 20TH STREET
OMAHA, NE 68108
Tel: 402-341-2080
Fax: 402-341-9752
E-Mail: corporate@nox-crete.com
Web Site: www.nox-crete.com

1.4 Emergency telephone number

Emergency Number	Chemtrec (800) 424-9300 Chemtrec Outside of U.S. 703-527-3887
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Section 2. Hazards identification**2.1 Classification of the substance or mixture**

Carc. 1	H350
STOT RE 1	H372

Full text of H phrases see section 16

Adverse physiochemical, human health and environmental effects

No additional information available

2.2 Label elements

Hazard pictograms

**Signal word****Hazard statements**

Danger
H350 - May cause cancer by inhalation
H372 - Causes damage to lungs through prolonged or repeated exposure

Precautionary statements**Prevention:**

P201- Obtain special instructions before use
P202- Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust/fume/gas/mist/vapors/spray

Response:**Storage:****Disposal:****Supplemental Information:**

P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P285 - In case of inadequate ventilation wear respiratory protection
P308+P313 - IF exposed or concerned - Get medical advice/attention

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information on the selection and use of respirators can be found in the NIOSH Respirator Selection Logic (DHHS [NIOSH] Publication No. 2005-100) and the NIOSH Guide to Industrial Respirator Protection (DHHS [NIOSH] Publication No. 87-116) available at <http://www.cdc.gov/niosh/docs/87-116/>.

2.3 Other hazards

This product contains greater than 0.1 % crystalline silica. Crystalline silica has been linked to cancer, silicosis, and other lung problems in conditions of prolonged airborne over-exposure.

Keep product dry until use. Avoid contact with bleed water from wet product. Clothing saturated with wet product can result in delayed, serious alkali skin burns.

Full text of R, H and EUH phrases: see section 16

Section 3. Composition / information on ingredients**3.1 Substances**

Not applicable

3.2 Mixture**Classification according to Regulations 29CFR 1910.1200 , (EC) No. 1272/2008(CLP)(GHS)**

Name	Product identifier CAS #	%
Crystalline Silica (Quartz)	14808-60-7	95-100

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

Section 4. First aid measures**4.1 Description of first aid measures****First-aid measures general**

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

First-aid measures after inhalation

First aid is not generally required. If irritation develops from breathing dust, move the person from the overexposure and seek medical attention if needed.

First-aid measures after skin contact

If skin irritation persists, seek medical attention.

First-aid measure after eye contact

When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15

	minutes while holding eyelids apart. Get medical attention if irritation persists. Rinse mouth.
First-aid measures after ingestion	
<u>4.2 Most important symptoms and effects, acute and delayed</u>	
Symptoms/injuries after inhalation	Inhalation of dust may result in irritation to the respiratory tract. Symptoms of exposure may include cough, sore throat, nasal congestion, sneezing, wheezing and shortness of breath. Prolonged inhalation of respirable crystalline silica above certain concentrations may cause lung diseases, including silicosis and lung cancer.
Symptoms/injuries after skin contact	May cause skin irritation.
Symptoms/injuries after eye contact	May cause abrasive eye irritation or injury
Symptoms/injuries after ingestion	May cause abrasive irritation
<u>4.3 Indication of any immediate medical attention and special treatment needed</u>	
No additional information available	

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Treat for surrounding material

Unsuitable extinguishing media None known

5.2 Special hazards arising from the substance or mixture

Reactivity Product does not burn; however its packaging may. Products of combustion may include, and are not limited to: oxides of carbon.

5.3 Advice for firefighters

Firefighting instructions Keep upwind of fire.

Protective equipment for firefighters Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

Other information

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures Take proper precautions to ensure your own health and safety before attempting spill control or cleanup

6.11 Protective Equipment Equip cleanup crew with proper protective equipment.

6.2 Environmental precautions Prevent entry to sewers and public waters.

Notify authorities if liquid enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up Avoid dry sweeping. Do not use compressed air to clean spilled sand or ground silica. Use water spraying/flushing or ventilated or HEPA filtered vacuum cleaning system, or wet before sweeping. Dispose of in closed containers.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures Avoid contact with skin and eyes. Avoid generating and breathing dust. Do not swallow. When not in use keep containers tightly closed.

Hygiene measures Wash contaminated clothing before reuse. Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions Store in accordance with local regulations. Store in original container in a cool well ventilated place. Keep containers dry and dry and tightly closed until ready for use.

Incompatible materials
Storage temperature

Strong acids
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Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States, 2/2010)
Crystalline Silica (Quartz)	0.025 mg/m ³ (respirable fraction)

8.2 Exposure controls

Appropriate engineering controls

Use with adequate ventilation to keep product concentrations below specified TLV

Eye and face protection

Chemical goggles and/or face shields are required to prevent potential eye contact, irritation or injury.

Skin protection

Wear chemical resistant gloves and appropriate protective clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

Respiratory protection

A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators 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) and ANSI's standard for respiratory protection (Z88.2).

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Sanded powder
Odor	None
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	Not applicable
Flash point	Not applicable
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	2.8-3.0
Solubility	No data available
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Viscosity	No data available
VOC content	No data available

Section 10. Stability and reactivity

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Moisture - product must be kept dry until ready to use

10.5 Incompatible materials

Strong acids

10.6 Hazardous decomposition products

No data available

Section 11. Toxicology information**11.1 Information on toxicological effects****Acute toxicity**

If dust is swallowed, it may irritate the mouth and throat.

Irritation/Corrosion Skin

No adverse effects are expected.

Eyes

Particulates may cause abrasive injury.

Respiration or skin sensitization

May cause respiratory irritation

Germ cell mutagenicity

No data available

Carcinogenicity IARC

Quartz	1
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IARC

1 - Carcinogenic to humans

Reproductive toxicity

No data available

Specific target organ toxicity**Single exposure**

May cause respiratory irritation

Repeated exposure

Causes damage to lungs through prolonged or repeated exposure. (Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.)

Aspiration hazard

No data available

Section 12. Ecological information**12.1 Ecotoxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects

Avoid release to the environment

SECTION 13. Disposal Considerations**13.1 Waste treatment methods**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

SECTION 14. Transport information**In accordance with US DOT**

Not dangerous goods in sense of transport regulations.

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA / DOT

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	
14.4 Packing group	
14.5 Environmental hazards	No additional information available
14.6 Special precautions for user	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No additional information available
14.8 Transport in bulk according to CFR 49 173.15	Not applicable

SECTION 15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.2 USA Regulations****Section 313****TSCA****Proposition 65**Contains no ingredients at or above the De Minimus reporting level
All ingredients are listed or exempted

This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.

15.1.3 Canada RegulationsThis SDS has been prepared according to the hazard criteria of the *Hazardous Products Regulation* (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR.**DSL**

All ingredients are listed or exempted

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Date of issue	5-24-2016
Version	2.0
Number	175
Date of previous issue	2-27-2010
Preparer	Nox-Crete Manufacturing Inc.

Reference Documentation

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