

## Safety Data Sheet

Printing date 04/03/2015

Version Number 1.9

Reviewed on 04/03/2015

**1 Identification****Product identifier**Trade name: DARACEM 50

SDS ID Number: 60035

**Relevant identified uses of the substance or mixture and uses advised against**  
Specialty construction product. Not intended for other uses**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**W.R. Grace & Co. -Conn.  
62 Whittemore Avenue  
Cambridge, MA 02140 USAGrace Canada, Inc.  
294 Clements Road W.  
Ajax, Ontario L1S 3C6 Canada**Information department:**Environmental Health & Safety  
USA: +1-617-876-1400 (24 hours)  
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts  
CAN: 1-905-683-8561 (24 hours)**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)**2 Composition/information on ingredients****Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with additional nonhazardous ingredients.**Hazardous components:**

10043-52-4	Calcium chloride	10-20%
102-71-6	Triethanolamine	1.0-2.0%

**Additional information:** For the wording of the listed risk phrases refer to section 16.**3 Hazard(s) identification****Classification of the substance or mixture**

Causes serious eye irritation.

**GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).**Hazard pictograms**

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**Methods and material for containment and cleaning up:**

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**7 Handling and storage****Handling:****Precautions for safe handling**

Open and handle receptacle with care.

Avoid contact with eyes, skin and clothing.

Do not take internally.

Practice good personal hygiene to avoid ingestion.

Use only with adequate ventilation.

Wash clothing before reuse.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

**Information about protection against explosions and fires:** No special measures required.

**Storage:**

**Information about storage in one common storage facility:** No special measures required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

**Additional information about design of technical systems:** No further data; see item 7.

**Components with limit values that require monitoring at the workplace:**

102-71-6 Triethanolamine

TLV (USA) Long-term value: 5 mg/m<sup>3</sup>

**Additional information:** The lists that were valid during the creation were used as basis.

**Personal protective equipment:****General protective and hygienic measures:**

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:**

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<b>VOC Content (max):</b>	Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Density: (~) at 20 °C (68 °F)</b>	1.3 g/cm <sup>3</sup> (10.849 lbs/gal)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Molecular weight</b>	Not applicable.
<b>Other information</b>	No further relevant information available.

\* **10 Stability and reactivity**

**Thermal decomposition:** No decomposition if used according to specifications.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.

\* **11 Toxicological information****Acute toxicity:****LD/LC50 values relevant for classification:****10043-52-4 Calcium chloride**

Dermal	LD50	1000 mg/kg (rat)
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**102-71-6 Triethanolamine**

Oral	LD50	5300 mg/kg (guinea pig)
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		6400 mg/kg (rat - male)
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Dermal	LD50	>10000 mg/kg (rabbit)
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	LC50, 96h	11800 mg/l (fish)
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**Primary irritant effect:**

**on the skin:** No irritating effect expected

**on the eye:** Causes serious eye irritation.

**Additional toxicological information:****102-71-6 Triethanolamine**

NOEC/NOEL	16 mg/l (crustaceans) (Chronic NOEC)
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**Packing group**

DOT, ADR, IMDG, IATA Not applicable.

**Environmental hazards:**

Marine pollutant: No

**Special precautions for user** Not applicable.**Transport/Additional information:** Not classified as a dangerous good for transport by road, rail or air.**DOT****Remarks:** Not Regulated.**15 Regulatory information****SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**

None of the ingredients is listed.

**SARA Section 312/Tier I & II Hazard Categories:**

Health Immediate (acute)	Yes
Health Delayed (chronic)	Yes
Flammable	No
Reactive	No
Pressure	No

**North America Chemical Inventory Status****TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**Right to Know Ingredient Disclosure**

8061-52-7	Calcium lignin sulfonate
7447-40-7	Potassium chloride
7732-18-5	Water

**California Proposition 65****Chemicals known to cause cancer:**

1,4-dioxane

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenicity Categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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