1. Identification

Product identifier: NAPA® Disc Brake Quiet - 4 oz

Other means of identification

Product Code: No. 091444 (Item# 1007994)

Recommended use: Apply to brakes to decrease noise

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

Company name: CRC Industries, Inc.

Address: 885 Louis Dr.
Warminster, PA 18974 US

Telephone

General Information: 215-674-4300
Technical Assistance: 800-521-3168
Customer Service: 800-272-4620
24-Hour Emergency (CHEMTREC): 800-424-9300 (US)

Website: www.crcindustries.com

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards

Sensitization, skin: Category 1
Carcinogenicity: Category 2
Specific target organ toxicity, single exposure (oral): Category 1 (central nervous system, kidney)
Specific target organ toxicity, repeated exposure (oral): Category 2 (kidney)

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements

Signal word: Danger

Hazard statement: May cause an allergic skin reaction. Suspected of causing cancer. Causes damage to organs (central nervous system, kidney) by ingestion. May cause damage to organs (kidney) through prolonged or repeated exposure by ingestion.

Precautionary statement

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If exposed or concerned: Get medical advice/attention.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national regulations.
3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>water</td>
<td></td>
<td>7732-18-5</td>
<td>30 - 40</td>
</tr>
<tr>
<td>ethylene glycol</td>
<td></td>
<td>107-21-1</td>
<td>1 - 3</td>
</tr>
<tr>
<td>triethanolamine</td>
<td></td>
<td>102-71-6</td>
<td>1 - 3</td>
</tr>
<tr>
<td>diethanolamine</td>
<td></td>
<td>111-42-2</td>
<td>&lt; 0.2</td>
</tr>
</tbody>
</table>

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact

Rinse with water. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed


Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

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.

General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. 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

This product is miscible in water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. 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
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. For product usage instructions, see the product label.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry place out of direct sunlight. Keep container tightly closed. Protect from freezing. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine (CAS 111-42-2)</td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>Inhalable fraction and vapor.</td>
</tr>
<tr>
<td>ethylene glycol (CAS 107-21-1)</td>
<td>STEL</td>
<td>10 mg/m3</td>
<td>Aerosol, inhalable.</td>
</tr>
<tr>
<td>TWA</td>
<td></td>
<td>50 ppm</td>
<td>Vapor fraction</td>
</tr>
<tr>
<td>TWA</td>
<td></td>
<td>25 ppm</td>
<td>Vapor fraction</td>
</tr>
<tr>
<td>triethanolamine (CAS 102-71-6)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine (CAS 111-42-2)</td>
<td>TWA</td>
<td>15 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 ppm</td>
</tr>
</tbody>
</table>

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

Exposure guidelines

**US - California OELs: Skin designation**
diethanolamine (CAS 111-42-2) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**
diethanolamine (CAS 111-42-2) Can be absorbed through the skin.

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**
Wear safety glasses with side shields (or goggles).

**Skin protection**
**Hand protection**
Wear protective gloves such as: Nitrile. Neoprene.

**Other**
Wear suitable protective clothing.

**Respiratory protection**
If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

**Thermal hazards**
Wear appropriate thermal protective clothing, when necessary.

**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.

9. Physical and chemical properties

**Appearance**

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid, Liquid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Semi-solid paste.</td>
</tr>
<tr>
<td>Color</td>
<td>Red.</td>
</tr>
</tbody>
</table>
10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
Contact with incompatible materials. Protect from freezing.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Acrylic monomers.

11. Toxicological information

Information on likely routes of exposure

Inhalation
May cause damage to organs by inhalation. May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact
May cause an allergic skin reaction. Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

Eye contact
Direct contact with eyes may cause temporary irritation.

Ingestion
Causes damage to organs by ingestion. May cause damage to organs through prolonged or repeated exposure by ingestion.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects

Acute toxicity
Not known.
### Components

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>diethanolamine (CAS 111-42-2)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>8180 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>8180 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>680 mg/kg</td>
</tr>
<tr>
<td><strong>ethylene glycol (CAS 107-21-1)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td><strong>triethanolamine (CAS 102-71-6)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>4190 mg/kg</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

| **Skin corrosion/irritation**     | Prolonged skin contact may cause temporary irritation. |
| **Serious eye damage/eye irritation** | Direct contact with eyes may cause temporary irritation. |

| **Respiratory or skin sensitization** |  |
| **Respiratory sensitization**         | Not a respiratory sensitizer. |
| **Skin sensitization**                | May cause an allergic skin reaction. |
| **Germ cell mutagenicity**            | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |

| **Carcinogenicity**                 |  |
| **IARC Monographs. Overall Evaluation of Carcinogenicity** |  |
| diethanolamine (CAS 111-42-2)       | 2B Possibly carcinogenic to humans. |
| triethanolamine (CAS 102-71-6)      | 3 Not classifiable as to carcinogenicity to humans. |

| Not regulated. |

| **US. National Toxicology Program (NTP) Report on Carcinogens** |  |
| Not listed. |

| **Reproductive toxicity** | This product is not expected to cause reproductive or developmental effects. |

| **Specific target organ toxicity - single exposure** | Causes damage to organs (central nervous system, kidney) by ingestion. |

| **Specific target organ toxicity - repeated exposure** | May cause damage to organs (kidney) through prolonged or repeated exposure by ingestion. |

| **Aspiration hazard** | Not an aspiration hazard. |

| **Chronic effects** | May cause damage to organs through prolonged or repeated exposure. May be harmful if absorbed through skin. Prolonged inhalation may be harmful. |
|                    | Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans. |

### 12. Ecological information

<p>| <strong>Ecotoxicity</strong> | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |</p>
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine (CAS 111-42-2)</td>
<td>Crustacea EC50 Water flea (Ceriodaphnia dubia)</td>
<td>61.8 - 86.04 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td>Fish LC50 Fathead minnow (Pimephales promelas)</td>
<td>100 mg/l, 96 hours</td>
</tr>
<tr>
<td>ethylene glycol (CAS 107-21-1)</td>
<td>Crustacea EC50 Water flea (Daphnia magna)</td>
<td>41000 mg/l, 48 hours</td>
</tr>
<tr>
<td></td>
<td>Fish LC50 Rainbow trout, donaldson trout</td>
<td>22810 mg/l, 96 hours</td>
</tr>
<tr>
<td>triethanolamine (CAS 102-71-6)</td>
<td>Fish LC50 Bluegill (Lepomis macrochirus)</td>
<td>450 - 1000 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Partition coefficient n-octanol / water (log Kow)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethanolamine</td>
<td>-1.43</td>
</tr>
<tr>
<td>ethylene glycol</td>
<td>-1.36</td>
</tr>
<tr>
<td>triethanolamine</td>
<td>-1</td>
</tr>
</tbody>
</table>

Mobility in soil

No data 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

This product is not a RCRA hazardous waste (See 40 CFR Part 261.20 – 261.33). Empty containers may be recycled. 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 in accordance with all applicable regulations.

Hazardous waste code

Not regulated.

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

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory information

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.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

ethylene glycol (CAS 107-21-1)
CERCLA Hazardous Substance List (40 CFR 302.4)

diethanolamine (CAS 111-42-2)
edylene glycol (CAS 107-21-1)

CERCLA Hazardous Substances: Reportable quantity

diethanolamine (CAS 111-42-2) 100 LBS
edylene glycol (CAS 107-21-1) 5000 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Other federal regulations

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

diethanolamine (CAS 111-42-2)
edylene glycol (CAS 107-21-1)

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

Not regulated.

Safe Drinking Water Act (SDWA)

Food and Drug Administration (FDA)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Classified hazard categories

Respiratory or skin sensitization
Carcinogenicity
Specific target organ toxicity (single or repeated exposure)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Yes

SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethylene glycol</td>
<td>107-21-1</td>
<td>1 - 3</td>
</tr>
</tbody>
</table>

US state regulations

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

diethanolamine (CAS 111-42-2)
edylene glycol (CAS 107-21-1)
triethanolamine (CAS 102-71-6)

US. Massachusetts RTK - Substance List

diethanolamine (CAS 111-42-2)
edylene glycol (CAS 107-21-1)
triethanolamine (CAS 102-71-6)

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

diethanolamine (CAS 111-42-2)
edylene glycol (CAS 107-21-1)
triethanolamine (CAS 102-71-6)

US. Rhode Island RTK

diethanolamine (CAS 111-42-2)
edylene glycol (CAS 107-21-1)
triethanolamine (CAS 102-71-6)

California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-dioxane (CAS 123-91-1) Listed: January 1, 1988
acetaldehyde (CAS 75-07-0) Listed: April 1, 1988
D&C ORANGE NO. 17 (CAS 3468-63-1) Listed: July 1, 1990
diethanolamine (CAS 111-42-2) Listed: June 22, 2012
ethyl acrylate (CAS 140-88-5) Listed: July 1, 1989
ethylene oxide (CAS 75-21-8) Listed: July 1, 1987
California Proposition 65 - CRT: Listed date/Developmental toxin
ethylene glycol (CAS 107-21-1) Listed: June 19, 2015
ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

California Proposition 65 - CRT: Listed date/Female reproductive toxin
ethylene oxide (CAS 75-21-8) Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin
ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
diethanolamine (CAS 111-42-2)
ethylene glycol (CAS 107-21-1)

Volatile organic compounds (VOC) regulations

EPA
VOC content (40 CFR 51.100(s)) 4 %
Consumer products (40 CFR 59, Subpt. C) Not regulated

State
Consumer products Not regulated
VOC content (CA) 0.8 %
VOC content (OTC) 0.8 %

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory (TCSI)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 04-02-2019
Prepared by Dustin Kern
Version # 01
Further information CRC # 562C/1002580

Disclaimer
The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries, Inc..

Revision information This document has undergone significant changes and should be reviewed in its entirety.