

Material Safety Data Sheet

Number: **DMN0129**

Product Name: **Oven Cleaner, Daco®**

A liquid alkaline detergent.

Revised: 5/20/08

Damon Industries, Inc.

Box 2120

Alliance, OH 44601

24 hour Emergency Only phone: 1-800-535-5053

Information phone: 1-800-362-9850 or 330-821-5310

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Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
2-Butoxyethanol	111-76-2	2 - 10%	No
Sodium hydroxide	1310-73-2	2 - 10%	No

Section 3 - Hazards Identification

Emergency Overview: Concentrate is corrosive to all body parts. Diluted solutions created during rinsing may be irritating or corrosive depending on strength. Excessive inhalation of vapors may cause irritation. Product is water based and presents little hazard in a fire. Product has a high pH and large amounts should not be allowed into sanitary sewers without neutralizing. A dark red liquid with a sharp odor.

Health Hazards: Corrosive, Irritant

Physical Hazards: None

Primary Routes of Entry: Through Skin Inhalation Ingestion

Potential Health Effects:

Eyes - causes eye damage.

Skin - prolonged contact with concentrate and strong solutions can cause skin damage and loss. There is little or no effect if rinsed off thoroughly right away. Milder solutions cause irritation only.

Swallowing - may result in damage to mucous membranes and gastrointestinal irritation.

Breathing - excessive inhalation of mist or spray can cause coughing, irritation of nose and throat.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

Skin Contact: With concentrate and strong (1:10) solutions immediately flush exposed skin with running water for 15 minutes. Remove contaminated clothing and shoes immediately. With milder solutions wash exposed skin with soap and water. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

Inhalation: Move the affected person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: None (ASTM D-56 closed cup)

Lower Explosive Limit: Not Applicable

Upper Explosive Limit: Not Applicable

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Small spills of up to 4 gallons may be cleaned up with a rag or mop. Larger spills should be diked to prevent spreading and then collected into clean pails or drums. Wear proper personal protective equipment.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
2-Butoxyethanol	111-76-2	2 - 10%	50 ppm(1), 25 ppm(3,4)	5 ppm(2)	75 ppm(4)
Sodium Hydroxide	1310-73-2	2 - 10%	2 mg/m ³ (1)	-	2 mg/m ³ (2,3,4)

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: Good room ventilation.

Respiratory Protection: With good ventilation none is usually required. If you are spraying the product or if the fumes are bothersome try a plastic face shield to limit mist and fumes. In extreme cases, or if the face shield is not sufficient, use a NIOSH approved respirator with an organic vapor cartridge.

Gloves: Use rubber or latex gloves at all times when using this product.

Eye Protection: Wear safety glasses with side shields or chemical goggles or a face shield.

Other Protective Equipment: Wear long sleeves. An eyewash station should be located within 10 seconds travel time of concentrate use/mixing area. If you are spraying the product a face shield should be used to prevent mist contact with the face.

Section 9 - Physical and Chemical Properties

Boiling Point: 215° F.

Specific Gravity: 1.05

Percent Volatiles: 90%

Solubility In Water: Complete

Appearance and Odor: A dark red liquid with a sharp odor.

Vapor Pressure: Not Available

Vapor Density: Not Available

Evaporation Rate: Same as water.

pH: concentrate 13.5 ± 0.5

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

None. The small amount of 2-Butoxyethanol present is not expected to pose any hazard when used as directed.

Section 12 - Ecological Information

Do not dispose of unusable product in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 4 gallons of concentrate in the sanitary sewer with a large amount of water. Some sewage departments may allow you to dispose of larger quantities without neutralizing. Call them for approval. Larger amounts may have to be neutralized to within the pH limits of your waste water treatment system before disposal. Call Damon Industries at 1-800-362-9850 if you need neutralizing instructions.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 313 Supplier Notification: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and CFR 372.

<u>Chemical Name</u>	<u>C.A.S. No.</u>	<u>% By Weight</u>	<u>Lbs./Gallon</u>
2-Butoxyethanol	111-76-2	5.0	2.5

Section 16 - Other Information

NFPA®: H:2 F:0 I:0 **HMIS® III:** H:3 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 11/19/99.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.