

Material Safety Data Sheet

Number: **DMN0310**

Product Name: **Accelerate II™**

A liquid alkaline detergent and wax stripper.

Revised: 11/8/11

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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	10 - 20%	No
2-Hydroxyethyl Amine	141-43-5	2 - 10%	No
Benzyl Alcohol	100-51-6	2 - 10%	No

Section 3 - Hazards Identification

Emergency Overview: Liquid is corrosive to skin and eyes. Fumes may be irritating when inhaled. Product is non-flammable, water based and presents little hazard in a fire. A clear liquid with a pleasant fragrance.

Health Hazards: Corrosive, Irritant

Physical Hazards: None

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - causes irritation, redness, tearing, blurred vision, possible eye damage.

Skin - Prolonged or repeated contact may cause moderate irritation, defatting, dermatitis.

Swallowing - can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Breathing - excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, nausea.

Target Organs - If exposure limits are willfully exceeded by not following the precautions given on this sheet and the directions given on the label, there are possible liver, kidney, CNS and blood effects. (See Section 11).

Section 4 - First Aid Measures

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

Skin Contact: Wash with soap and water. If a large area is drenched immediately flush skin with running water for 15 minutes. Remove contaminated clothing and shoes. If irritation persists, call a physician. Wash clothing before reuse.

Ingestion: If the product is swallowed give two glasses of water to drink. Induce vomiting immediately by sticking a finger down the throat or by giving an emetic such as Ipecac. Never give anything by mouth to an unconscious person. Treat for shock by keeping the person warm and quiet. Get medical attention at once.

Inhalation: If affected, move person to fresh air. If irritation persists get medical attention.

Section 5 - Fire Fighting Measures

Flash Point: 150° F. ASTM D-56 Closed Cup.

Lower Explosive Limit: Not Available

Upper Explosive Limit: Not Available

Extinguishing Media: Any.

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: If all water is evaporated the heated residue could possibly produce some carbon monoxide and various hydrocarbons.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Wipe or mop up small spills. Or wash the spill to a sanitary sewer with a large amount of water.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet. Floors are very slippery when stripping.

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	10 - 20%	50 ppm(1), 25 ppm(3,4)	75 ppm(4)	-
2-Hydroxyethyl Amine	141-43-5	2 - 10%	3 ppm(1,2,3,4)	6 ppm(2,3,4)	-
Benzyl Alcohol	100-51-6	2 - 10%	No limits have been established.		

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

Ventilation: Good room ventilation by opening doors and possibly opening windows.

Respiratory Protection: None under expected use conditions. If used in an enclosed area and there is a possibility of exceeding any of the above exposure limits, a suitable respirator with an organic vapor cartridge is required.

Protective Gloves: Wear resistant gloves such as neoprene or latex while pouring/mixing and whenever hand scraping or scrubbing edges or corners. Do not use disposable latex gloves. Disposable Nitrile is okay.

Eye Protection: Safety glasses with side shields or goggles.

Other Protective Equipment: Wear boots, rubbers or impervious shoes with non-slip soles. No bare tennis shoes or sneakers. Do not kneel in stripper unless wearing protective rubber or PVC pants.

Section 9 - Physical and Chemical Properties

Boiling Point: 215° F.

Specific Gravity: 1.00

Percent Volatiles: 97%

Solubility In Water: Complete

Appearance and Odor: Clear liquid - Pleasant fragrance.

Vapor Pressure: Not Available.

Vapor Density: Not Available

Evaporation Rate: Same as water.

pH: 12.0 ± 0.5

Section 10 - Stability and Reactivity

Stability: Stable

Incompatibility: None

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Some studies have shown that severe over-exposure to 2-butoxyethanol (Butyl Cellosolve) may cause breakdown of mature circulating red blood cells. In laboratory rats it has also been suggested as a cause of kidney and liver abnormalities. In laboratory rats 2-Aminoethanol has also been suggested as a cause of kidney abnormalities. Exposure to these two ingredients was tested by personal air monitoring following NIOSH methods. This was done in an average sized grocery store during a 7 hour period of stripping. The highest 8 hour TWA for both ingredients was below the limits shown in Section 8 above.

Section 12 - Ecological Information

Do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Wash down a sanitary sewer with a large amount of water.

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	19.7	1.65

Section 16 - Other Information

NFPA: H:1 F:1 I:0 **HMIS® III:** H:2 F:1 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 7/20/06. Updated contact information and removed head space warning.

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.