

**Section 1 - Identification**Product Name: **Quad-Strip™** A liquid solvent floor stripper.

Revised: 7/13/15

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**Section 2 - Hazards Identification**

Hazard categories: Skin Corrosion/Irritation 2; Eye Corrosion/Irritation 2A

Hazard statements: Causes skin and eye irritation.

Signal word: Warning

Pictogram: Exclamation

Precautionary statements

Prevention

Wear protective gloves such as latex.

Wash hands thoroughly after handling. Wear eye protection such as safety glasses with side shields.

Response**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.Storage: None. Disposal: None.**Section 3 - Composition / Information on Ingredients**

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>Concentration</b>
Benzyl alcohol	9036-19-5	50%
Monoethanolamine	141-43-5	25%
2-Butoxyethanol	111-76-2	20%
Water	7732-18-5	3%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

**Section 4 - First Aid Measures****Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.**Skin Contact:** Begin flushing exposed skin with running water and removing contaminated clothing and shoes as quickly as possible. Continue flushing exposed area with water for several minutes. If damage is evident or irritation persists, get medical attention. Wash clothing before reuse. Throw away contaminated shoes.**Ingestion:** If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give two glasses of water to drink. Get medical attention immediately.**Inhalation:** If affected, move the affected person to fresh air. If irritation persists get medical attention.**Section 5 - Fire Fighting Measures****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. Floors are very slippery when stripping.

## Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Monoethanolamine	141-43-5	25%	3 ppm(1-4)	6 ppm(2-4)	-
2-Butoxyethanol	111-76-2	20%	50 ppm(1), 5 ppm (2), 20 ppm (3), 25 ppm (4)	75 ppm(4)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous  
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

**Ventilation:** Good room ventilation by opening doors and possibly opening windows. Four changes of air per hour is good

**Respiratory Protection:** None under expected use conditions. If used in an enclosed area with poor ventilation there may be a possibility of exceeding the TWA of 2-butoxyethanol. In this case a suitable respirator with an organic vapor cartridge is required. See Section 11.

**Protective Gloves:** Wear resistant gloves such as neoprene or latex while pouring/mixing and whenever hand scraping or scrubbing edges, baseboards or corners.

**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

<b>Appearance and Odor:</b> A clear liquid - Characteristic odor.	
<b>Odor Threshold:</b> Not Available	<b>Vapor Pressure:</b> Not Available
<b>pH:</b> 12.0 ± 0.5	<b>Vapor Density:</b> Not Available
<b>Melting Point:</b> Not Available	<b>Relative Density (Specific Gravity):</b> 1.04
<b>Freezing Point:</b> Not Available	<b>Solubility(ies): Water:</b> 100%
<b>Boiling Point, Initial:</b> 215° F.	<b>Partition coefficient:</b> Not Available
<b>Boiling Range:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point:</b> >140° F. ASTM D-56 Closed Cup.	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> Not Available	<b>Viscosity:</b> Same as water.-
<b>Flammability: (solid, gas):</b> Not Applicable	<b>Volatiles Percent:</b> 99%
<b>Upper Explosive Limit:</b> None	<b>V.O.C.:</b> 68% - 71 grams/liter
<b>Lower Explosive Limit:</b> None	

## Section 10 - Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Incompatibility:** None

**Hazardous Decomposition Products:** None

## Section 11 - Toxicological Information

**Target Organs** - If exposure limits are 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. Some studies have shown that severe over-exposure to 2-butoxyethanol 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 monoethanolamine has also been suggested as a cause of kidney abnormalities.

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

### **Potential Health Effects:**

**Eyes** - Causes severe irritation and damage, redness, tearing, blurred vision, may cause blindness.

**Skin** - Contact with the concentrate for more than a few minutes can cause permanent damage to the skin. Damage can be avoided by prompt action. Use-dilutions cause severe irritation and possible damage with prolonged contact.

**Swallowing** - causes gastrointestinal irritation and burns, nausea, vomiting, diarrhea.

**Breathing** - excessive inhalation of vapors can cause respiratory irritation, coughing, shortness of breath.

## Section 12 - Ecological Information

Do not dispose of 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:** ORM-D.

## 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	28	2.5

## Section 16 - Other Information

**NFPA:** H:2 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 4/28/15. Updated "eye irritation" to "serious eye irritation".

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.