

Section 1 - Identification

Product Name: **Accelerate II**™ A liquid detergent and wax stripper. Revised: 7/13/15

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|---|---|---|
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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 2; Eye Corrosion/Irritation 2A, Specific Target Organ Toxicity 3 Respiratory System; Flammable Liquids 4

Hazard statements:

- Causes skin irritation and serious eye irritation.
- Combustible liquid. May cause respiratory irritation.



Signal word: Warning

Pictogram: Exclamation Point

Precautionary statements

Prevention

Keep away from flames and hot surfaces. No smoking. Wash hands thoroughly after handling. Wear protective gloves such as latex. Wear eye protection such as safety glasses with side shields. Avoid breathing vapors. Use only outdoors or in well-ventilated area.

Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell.

IN CASE OF FIRE: Use B or C fire extinguisher to extinguish.

Storage: Store locked up.

Disposal: Dispose of contents and empty container in accordance with all applicable regulations for your locality.

Section 3 - Composition / Information on Ingredients

| Ingredient | C.A.S. No. | Concentration |
|-------------------------|------------|---------------|
| Water | 7732-18-5 | 63% |
| 2-Butoxyethanol | 111-76-2 | 20% |
| Monoethanolamine | 141-43-5 | 8% |
| Benzyl alcohol | 100-51-6 | 5% |
| Sodium xylene sulfonate | 1300-72-7 | 2% |

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

Ingestion: Do NOT induce vomiting. Give a glass of water to drink. 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

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: 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. Wear non-slip shoes or boots.

Section 8 - Exposure Controls / Personal Protection

| Ingredient | C.A.S. No. | Concentration | TWA(source) | STEL | Ceiling |
|------------------|------------|---------------|--|------------|---------|
| 2-Butoxyethanol | 111-76-2 | 20% | 50 ppm(1), 20 ppm(3), 25 ppm(4), 5 ppm(2) | 75 ppm(4) | - |
| Monoethanolamine | 141-43-5 | 8% | 3 ppm(1-4) | 6 ppm(2-4) | - |

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour 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 any of the above exposure limits will be exceeded, a NIOSH 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 are okay.

Eye Protection: Safety glasses with side shields or goggles.

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

Section 9 - Physical and Chemical Properties

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| Appearance and Odor: Clear colorless liquid - Pleasant fragrance. | |
| Odor Threshold: Not Available | Vapor Pressure: Not Available |
| pH: concentrate 12.0 ± 0.5 | Vapor Density: Not Available |
| Melting Point: Not Available | Relative Density (Specific Gravity): 0.99 |
| Freezing Point: Not Available | Solubility(ies): Water: 100% |
| Boiling Point, Initial: 215° F. | Partition coefficient: Not Available |
| Boiling Range: Not Available | Auto-ignition Temperature: Not Available |
| Flash Point: Over 150° F. (ASTM D-56 closed cup) | Decomposition Temperature: Not Available |
| Evaporation Rate: ~1 (Water = 1) | Viscosity: Same as water. |
| Flammability: (solid, gas): Not Applicable | Volatiles Percent: 99% |
| Upper Explosive Limit: Not Available | V.O.C.: 25% - 245 grams/liter |
| Lower Explosive Limit: Not Available | |

Section 10 - Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

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.

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 monoethanolamine 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 | 20% | 1.63 |

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 4/28/15. Minor corrections.

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.