

## Section 1. Product and Company Identification

<b>Product Name</b>	<b>PROFESSIONAL VANI-SOL® HEAVY-DUTY DEGREASER &amp; CLEANER</b>	<b>MSDS#</b>	Not available.
<b>Product Description</b>	A cleaner-degreaser formerly known as Grimex (Pro) Heavy Duty Alkaline Cleaner & Degreaser.	<b>Validation Date</b>	8/5/2004
<b>Manufacturer</b>	Reckitt Benckiser North America, Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, N.J. 07054-0225	<b>Print Date</b>	8/5/2004
<b>Product Identifier</b>	Not available.	<b>In case of Emergency:</b>	Telephone: 800-677-9218 (Professional Products)
<b>Item Number</b>	355169	<b>Transportation Emergencies:</b>	Chemtrec: 1-800-424-9300 (U.S. & Canada)  Outside the U.S & Canada (North America), call: 703-527-3887
<b>Formula Number</b>	B-1222-3		
<b>UPC Number</b>	36241-74756-03 (1 gal.), 36241-04155-05 (55 gal.)		

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) PHOSPHORIC ACID	7664-38-2	2.7	TWA: 1 STEL: 3 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]
2) POTASSIUM HYDROXIDE	1310-58-3	5.1	TWA: 1 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States]
3) PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	4.5	CEIL: 2 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States] TWA: 369 STEL: 553 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States] TWA: 100 STEL: 150 (ppm) from ACGIH (TLV) [United States] STEL: 553
4) DIETHANOLAMINE	111-42-2	2.2	TWA: 2 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States] TWA: 0.46 (ppm) from ACGIH (TLV) [United States] SKIN
5) ETHOXYLATED PROPOXYLATED ALCOHOLS C8-10	68603-25-8	2.0	TWA: 1 STEL: 5 (ppm) from OSHA (PEL) [United States] TWA: 1 (ppm) from OSHA (PEL) [United States] TWA: 1 (ppm) from ACGIH (TLV) [United States] TWA: 0.1 (ppm) 10 Hour TWA (Not to Exceed) from NIOSH [United States]

## Section 3. Hazards Identification

<b>Emergency Overview</b>	DANGER: CORROSIVE! May cause eye burns and skin irritation. Harmful if swallowed. KEEP OUT OF REACH OF CHILDREN!
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**Section 4. First Aid Measures**

<b>Eye Contact</b>	In case of eye contact, immediately rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. Get immediate medical attention.
<b>Skin Contact</b>	In case of skin contact, wash skin thoroughly with soap and water. If irritation persists, consult a physician.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	DO NOT induce vomiting. If victim can swallow, give one glass of water to drink and call a poison control center or doctor IMMEDIATELY.

**Section 5. Fire and Explosion Data**

<b>Flammability</b>	Not flammable. See Section 14 for any Shipping Classifications.
<b>Flash Point</b>	CLOSED CUP: Higher than 93.3°C (>200°F). (Tagliabue).
<b>Explosive Limits in Air</b>	Not available.
<b>Products of Combustion</b>	Not available.
<b>Fire and Explosion Hazards</b>	Methoxypropanol may be liberated during heating.
<b>Fire Fighting Media and Instructions</b>	Use water spray, foam, dry chemical or carbon dioxide, as suitable, for the surrounding fire.
<b>Special Fire Fighting Instructions</b>	Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire.

**Section 6. Accidental Release Measures**

<b>Accidental Spill</b>	<p>Small spills: Wearing appropriate eye protection and gloves, soak up with an inert absorbent material and dispose of in an appropriate waste container. Rinse surface residue and flush to sink or sanitary sewer.</p> <p>Large spills should be diked, contained and collected for later disposal according to local, state or federal regulations.</p>
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**Section 7. Handling and Storage**

<b>Handling and Storage</b>	<p>DANGER: CORROSIVE! May cause eye burns and skin irritation. Avoid contact with skin and eyes. Wear eye protection and rubber gloves when handling. Harmful if swallowed. DO NOT ingest. DO NOT USE ON ZINC, TIN, GALVANIZED OR CADMIUM COATED METALS. FOLLOW LABEL INSTRUCTIONS.</p> <p>Store in original container in areas inaccessible to small children and pets. KEEP OUT REACH OF CHILDREN!</p>
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**Section 8. Exposure Controls/Personal Protection**

<b>Ventilation Requirements</b>	Use sufficient ventilation to keep hazardous ingredients below their Threshold Limit Values (see Section #2).
<b>Eye Protection</b>	Avoid eye contact. Wear eye protection when handling. Emergency responders should wear full eye and face protection.
<b>Skin Protection</b>	Do not get on skin. Wear long rubber gloves when handling. If clothing is contaminated, remove and wash before reuse. Emergency responders should wear impermeable gloves.
<b>Respiratory Protection</b>	None required under normal use conditions. Avoid repeated or prolonged breathing of vapor.
<b>Other Protection</b>	Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

**Continued on Next Page**

**Work/Hygienic Practices** Wash thoroughly with soap and water after handling.

**Section 9. Physical and Chemical Properties**

<b>Description</b>	Clear liquid. Water thin.	<b>Odor</b>	Characteristic. Glycol ether odor.
<b>pH</b>	13.1 [Basic.]	<b>Color</b>	Light straw.
<b>Boiling/Condensation Point</b>	Not available.		
<b>Specific Gravity</b>	1.13 @ 25° C.		
<b>Vapor Pressure</b>	Not available.		
<b>Vapor Density</b>	Not available.		
<b>Viscosity</b>	Not available.		
<b>Solubility</b>	Complete.		
<b>Physical Chemical Comments</b>	Not available.		

**Section 10. Stability and Reactivity Data**

<b>Chemical Stability</b>	Stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	Acids.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide and other unidentified organic compounds may be formed from incomplete combustion.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

**Exposure effects**

<b>Eye Contact</b>	Corrosive to eyes.
<b>Skin Contact</b>	May cause skin irritation.
<b>Inhalation</b>	May cause irritation to mucous membranes.
<b>Ingestion</b>	Harmful if swallowed.
<b>Carcinogenicity</b>	Not listed as carcinogenic by OSHA, NTP or IARC.

**Section 12. Ecological Information**


<b>Ecotoxicity</b>	Not available.
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**Section 13. Disposal Considerations**

**Waste Disposal** Rinse empty 1 gal. container thoroughly and discard in trash or rinse and recycle container where appropriate. 55 gallon drums should be handled as appropriate for corrosive waste liquids.

Large quantities of waste material should be disposed of in accordance with all applicable local, state and federal hazardous waste regulations.

**Section 14. Transport Information**

<b>DOT Classification</b>	Corrosive liquid, Class 8	
<b>Proper Shipping Name</b>	Corrosive liquid, basic, inorganic, n.o.s. (Contains Potassium Hydroxide, Phosphoric Acid), Class 8, UN3266, PG II	
<b>DOT Identification Number</b>	UN3266	
<b>Packing Group</b>	II	
<b>Maritime Transportation</b>	Not applicable.	
<b>Hazardous Substances Reportable Quantity</b>	Not applicable.	
<b>Special Provisions for Transport</b>	ERG#154; UN Specification Packaging Required	
<b>TDG Classification</b>	Corrosive liquid, basic, inorganic, n.o.s. (Contains Potassium Hydroxide, Phosphoric Acid), Class 8, UN3266, PG II	
<b>ADR Classification</b>	Not applicable.	
<b>IMDG Classification</b>	Corrosive liquid, basic, inorganic, n.o.s. (Contains Potassium Hydroxide, Phosphoric Acid), Class 8, UN3266, PG II	
<b>IATA Classification</b>	DO NOT SHIP: Does not meet IATA requirements.	

**Section 15. Regulatory Information**

**Federal and State Regulations** SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting:

1) PHOSPHORIC ACID	Not available.	2.7	Not avai
2) DIETHANOLAMINE	Not available.	2.2	Not avai

California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act:  
1) Not applicable.

**Other Classifications** **WHMIS (Canada)** Not controlled under WHMIS (Canada).

**Section 16. Other Information**

**HMIS (U.S.A.)**

Health Hazard	3
Fire Hazard	0
Reactivity	0
Personal Protection	a

**National Fire Protection  
Association (U.S.A.)**

Health



Fire Hazard

Reactivity

Specific hazard

**NFPA Aerosol Level**

Not applicable.

**Validated by Product Safety on 8/5/2004.**

**Printed 8/5/2004.**

**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*