

Section 1. Product and Company Identification

Product Name	PROFESSIONAL VANI-SOL® HEAVY-DUTY DEGREASER & CLEANER	MSDS#	Not available.
Product Description	A cleaner-degreaser formerly known as Grimex (Pro) Heavy Duty Alkaline Cleaner & Degreaser.	Validation Date	8/5/2004
Manufacturer	Reckitt Benckiser North America, Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, N.J. 07054-0225	Print Date	8/5/2004
Product Identifier	Not available.	In case of Emergency:	Telephone: 800-677-9218 (Professional Products)
Item Number	355169	Transportation Emergencies:	Chemtrec: 1-800-424-9300 (U.S. & Canada) Outside the U.S & Canada (North America), call: 703-527-3887
Formula Number	B-1222-3		
UPC Number	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 ³) from ACGIH (TLV) [United States]
2) POTASSIUM HYDROXIDE	1310-58-3	5.1	TWA: 1 (mg/m ³) from OSHA (PEL) [United States]
3) PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	4.5	CEIL: 2 (mg/m ³) from ACGIH (TLV) [United States] TWA: 369 STEL: 553 (mg/m ³) 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 ³) 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

Emergency Overview	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

Eye Contact	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.
Skin Contact	In case of skin contact, wash skin thoroughly with soap and water. If irritation persists, consult a physician.
Inhalation	Remove to fresh air.
Ingestion	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

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

Section 6. Accidental Release Measures

Accidental Spill	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. Large spills should be diked, contained and collected for later disposal according to local, state or federal regulations.
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Section 7. Handling and Storage

Handling and Storage	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. Store in original container in areas inaccessible to small children and pets. KEEP OUT REACH OF CHILDREN!
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Section 8. Exposure Controls/Personal Protection

Ventilation Requirements	Use sufficient ventilation to keep hazardous ingredients below their Threshold Limit Values (see Section #2).
Eye Protection	Avoid eye contact. Wear eye protection when handling. Emergency responders should wear full eye and face protection.
Skin Protection	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.
Respiratory Protection	None required under normal use conditions. Avoid repeated or prolonged breathing of vapor.
Other Protection	Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

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

Section 9. Physical and Chemical Properties

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

Section 10. Stability and Reactivity Data

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

Section 11. Toxicological Information

Exposure effects

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

Section 12. Ecological Information


Ecotoxicity	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

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

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