



MATERIAL SAFETY DATA SHEET

SECTION I. IDENTITY

Date: January 10, 2001

Identity (As Used on Label and List): H.D. Whitewall Cleaner		Emergency Telephone Number: CHEMTREC: (800) 424-9300 CANUTEC: (613) 996-6666	
DOT Proper Shipping Name: Corrosive Liquid, N.O.S., (Contains Sodium Hydroxide, 2-Butoxyethanol), 8, UN 1760, PG II			
Manufacturer's Name: Production Car Care Products		Distributor's Name:	
Address: 1000 East Channel Street		Address:	
City - State - ZIP - Phone#: Stockton, CA 95205 209/943-7337		City - State - ZIP - Phone#:	
<p>HAZARD RATING</p> <p>4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p> <p>N/D = Not determined N/A = Not applicable</p>			

SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components:	Specific Chemical Common Names(s)	OSHA PEL	ACGIH TLV	LD 50 of Ingredient	LC 50 of Ingredient
Sodium Hydroxide	CAS #1310-73-2	2 mg/m ³ (ceiling)	2 mg/m ³ (ceiling)	(oral)	
2-Butoxyethanol	CAS #111-76-2	25 ppm (skin)	25 ppm (skin)		
Diethanolamine	CAS #111-42-2	3 ppm	3 ppm	rat-5700 mg/kg	
Surfactant	CAS #8051-30-7				
Surfactant	CAS #26545-53-9				

SECTION III. PHYSICAL CHARACTERISTICS

Boiling Point:	N/D	Specific Gravity: (H ₂ O = 1) > 1	1.034
Vapor Pressure (mm Hg.):	N/D	pH:	12-14
Vapor Density:	N/D	Evaporation Rate: (Butyl Acetate = 1)	N/D
Solubility in Water:	Product dilutes in water	Melting Point:	N/D
Appearance and Odor: Thin green liquid			

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used)	None	Auto Ignition Temperature:	N/D	Flammability Limits:	N/D	LEL	UEL
Extinguishing Media: None (Product is not flammable)							
Fire Fighting Procedures: Use self-contained breathing apparatus							
Unusual Fire and Explosion Hazards: Indirect fire hazard from contact of caustic soda in product with metals e.g.: magnesium, aluminum and zinc will rapidly generate hydrogen gas which is explosive.							

SECTION V. REACTIVITY DATA

HD Whitewall

Stable:	<input checked="" type="checkbox"/>	Unstable:	<input type="checkbox"/>	Condition to Avoid:	Strong oxidizing agents
Hazardous Decomposition or By-products: Reaction with various food sugars may form carbon monoxide.					
Incompatibility (Materials to Avoid): Strong oxidizing agents					
Polymerization Hazard:	May Occur		Conditions to Avoid:		
	Will Not Occur <input checked="" type="checkbox"/>				
None					

SECTION VI. HEALTH HAZARD DATA

Routes of Entry:	Inhalation: Yes	Skin: Yes	Ingestion: Yes
Health Hazards: (Acute and Chronic)	EYE: Severe burns, possible loss of sight. SKIN: Irritation, burns, deep ulcerations, scarring. INGESTION: Damage to mucous membranes and contacted tissue, may be fatal. INHALATION: Mild irritation of mucous membranes to severe pneumonitis.		
Additional Carcinogenicity Information (If Any):	None known		
Signs and Symptoms of Exposure:	Nausea, Irritation of Eyes or Skin		
Medical Conditions That May Be Aggravated by Exposure:	Poor General Health		
Emergency and First Aid Procedures:	1) Eyes: Flush 2) Ingestion: Do not induce vomiting. 3) Breathing: Remove to fresh air 4) Skin: Wash with water (CALL DOCTOR FOR 1, 2 and 3)		

SECTION VII. EMERGENCY RESPONSE PROCEDURES

Container Size:	<input checked="" type="checkbox"/> 5 Gal. or Less	<input checked="" type="checkbox"/> 55 Gal. or Less	<input type="checkbox"/> Bulk	<input type="checkbox"/> Other: _____
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Steps to be Taken If Material Is Released or Spilled

STEP 1. Human Health Protection: Avoid using in closed area	STEP 2. Containment and Control: Absorb with sand or absorbent material
STEP 3. Decontamination: Prevent runoff to sewer or surface water	STEP 4. Hazardous Waste Packaging/Shipping Requirements: In accordance with Local, State and Federal Regulations
Waste Disposal Method: In accordance with Local, State and Federal Regulations	

SECTION VIII. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing:	Store in a dry place indoors.
Other Precautions:	Keep out of children - Do not get product into eyes, skin or clothing. Handle as corrosive liquid

SECTION IX. CONTROL MEASURES

Respiratory Protection:	If OSHA PEL/TLV is exceeded use NIOSH/MSHA approved air-supplied respirator.		
Ventilation	Local Exhaust:	N/A	Special: N/A
	Mechanical:	Preferred	Other: N/A
Protective Gloves:	Required		Eye Protection: Safety spectacles
Other Protective Clothing or Equipment:	Non-slipping boots		
Work/Hygienic Practices:	No eating, drinking or smoking. Wash up after use.		

Disclaimer of Liability

The information contained herein is based on data considered accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility for personal injury or property damage to vendees, users or third parties caused by the material. We also do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.