

MATERIAL SAFETY DATA SHEET
DIVERSITECH
PRO-POWER FOAMY CONCENTRATE NON-ACID COIL CLEANER & BRIGHTENER

Catalog No's: 8-YS, 8-Y

HMIS DATA Health = 2 Fire = 0 Reactivity = 2 0 = None 1 = Slight 2 = Moderate 3 = High 4 = Extreme
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Section I-IDENTIFICATION

Manufactured By: DIVERSITECH, Inc.

Address: 2530 Lantrac Court

Decatur, Georgia 30035

Emergency Phone No.: 800-255-3924 Chemtel (Chemical Emergencies Only)

Phone Number for Information: 770-593-9000 Fax: 770-593-8600

Date Revised: 4/8/2003

Name of Preparer: Anthony E. Jernigan

Section II-HAZARDOUS INGREDIENTS INFORMATION

Ingredient	CAS NO.	OSHA PEL	ACIGH TLV	OTHER STEL	% OR RNG
Sodium hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	(ceiling)	<20

EPA Hazard Categories: Acute-Health (Immediate)

Section III-PHYSICAL/CHEMICAL PROPERTIES

Boiling Point: >220°F

Specific gravity (H₂O=1): 1.16

Vapor pressure (mm Hg): ~ Equal to water

Melting Point (Pour Point): <30°F

Vapor Density (Air =1): ~ Equal to water

Evaporation Rate (Water=1): 1

Solubility In Water: Water miscible

Viscosity: <5 cps

Appearance and Odor: Clear yellow liquid with an bland odor

Section IV-FIRE AND EXPLOSION DATA

Flash Point (Method used): None (C (TCC) Flammable Limits: LEL: N/A; UEL: N/A

Extinguishing Media: Use media appropriate to surrounding fire.

Special fire-fighting Procedures: Mists and concentrated liquid are corrosive and harmful. Firefighters should wear self-contained breathing apparatus and full protective gear when fighting fires involving this product.

Unusual Fire and Explosion Hazards: This product reacts with non-ferrous metals, particularly aluminum and magnesium, and may liberate hazardous quantities of hydrogen gas.

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Section V-REACTIVITY DATA

Stability: Stable

Compatibility: (Materials to avoid): Mineral acids, explosives, oxidizers, and halogenated hydrocarbons.

Hazardous Decomposition or Byproducts: Contact with aluminum, zinc, or tin can liberate hydrogen gas.

Hazardous Polymerization: Will not occur

Section VI-HEALTH HAZARD DATA

Route of entry: Inhalation: yes Skin: yes Eyes: yes Ingestion: yes

Health Hazards (acute and chronic): This material is corrosive to skin, eyes, and internal organs.

Signs and Symptoms of Exposure:

Eye Contact: Severe irritation and possible burns.

Skin Contact: Severe irritation and possible chemical burns.

Inhalation: Mists may irritate or burn respiratory tissue, and cause difficulty breathing or chemical burns.

Ingestion: Solutions and mists are extremely corrosive and toxic. May cause gastric distress, diarrhea, and vomiting. May be fatal if swallowed.

Medical conditions generally aggravated by exposure: Contact or breathing mists may aggravate pre-existing medical conditions such as dermatitis or asthma.

Carcinogenicity:

NTP? No. IARC? No. OSHA? No.

Emergency and First Aid Measures:

Eye Contact: Contact a physician and start treatment immediately!

Immediately flush the eyes with large amounts of gently flowing water for 15 minutes. Hold the eyelids open and away from the eyes during irrigation. Do not put any treatment into eyes unless directed to do so by a physician. Take the victim to a doctor, preferably an eye specialist, as soon as possible after the 15-minute rinse. **AVOID RUBBING EYES.**

Skin Contact: Move victim immediately under a safety shower or other water source and flush the affected area with large amounts of tempered running water. Speed is of primary importance. Remove all contaminated clothing and footwear while continuing to flush with flowing water. Continue washing for at least 15 minutes. If burns are present or irritation persists, get medical attention. Wash contaminated clothing before using again.

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Emergency and First Aid measures (cont'd)

Inhalation: Contact a physician and start treatment immediately!

Remove victim to fresh air until symptoms disappear. Make sure mouth and throat are clear of obstructions.

If breathing is difficult, administer oxygen.

If breathing has stopped, give the victim artificial respiration immediately and get medical attention.

Keep victim warm, quiet, and lying down.

Ingestion: Contact the nearest poison control center and start first aid treatment immediately!

Have the victim drink 3-4 glasses of water as quickly as possible to dilute the product.

Do not induce vomiting. Do not give emetics or baking soda. Never give anything by mouth if the victim is unconscious or having convulsions.

Section VII-PRECAUTIONS FOR HANDLING AND STORAGE

STEPS TO BE TAKEN IN MATERIAL IS SPILLED OR RELEASED:

Note: No cleanup should be attempted until cleanup personnel are equipped with personnel protective gear to prevent contact with product. (Applies to undiluted product.)

Spills:

Remove unprotected personnel from the area. Dike the spill and absorb the spilled liquid with an inert absorbent such as sand, oil-dri, vermiculite or fuller's earth. Sweep up the absorbed material and place in a leak-proof polyethylene container until product can be disposed of properly. Flush area twice with water to remove any remaining residues.

Waste Disposal: Dispose of wastes in accordance with federal, state, and local regulations, or consign to a licensed hazardous waste contractor.

HANDLING AND STORAGE:

Keep containers closed when not in use. Practice good housekeeping. Wash hands after handling. Avoid smoking when using this product. Wash clothing that has become contaminated. Keep out of reach of children. Read the disposal information before disposing of leaking or empty containers. Avoid breathing mists or spray. Avoid contact with eyes. Use only with adequate ventilation. Do not use aluminum measuring containers for mixing or measuring this product. Make sure all safety equipment is available and protective clothing is in use before handling this product.

Section VIII- CONTROL MEASURES

Note: ALL personnel protective equipment should be approved for use with solutions of sodium hydroxide.

RESPIRATORY PROTECTION:

For normal and approved outdoor use, a NIOSH/MSMA approved respirator is recommended. **DO NOT USE INDOORS OR IN ENCLOSED AREAS.**

VENTILATION: Not for use in enclosed areas.

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EYE PROTECTION: Wear chemical goggles or safety glasses with side shields to minimize contact hazard.

SKIN PROTECTION: Wear rubber or neoprene gloves as necessary to minimize skin contact.

OTHER PROTECTIVE EQUIPMENT: Wear other waterproof clothing and footwear as required to prevent contact.

Section IX-ADDITIONAL INFORMATION

Environmental Biodegradability: Biodegradable

Waste Disposal Methods: Dispose of in an authorized waste facility, in accordance with federal, state, and local regulations.

Empty Container Handling: Warning! Emptied container retains product residue. Observe all precautions even after the container is emptied. Keep empty container closed tightly. Do not use empty container for storing food, drinking water or cosmetics.

Transportation:

Dot Classification: Corrosive Liquid, Basic, Inorganic, NOS, Contains sodium hydroxide, 8, UN3266, PGII

DOT Hazard Label: Corrosive

TSCA: The ingredients in this product are listed on the TSCA Inventory.

SARA TITLE III Reporting Requirements: None

Section 302-Extremely-Hazardous Substances: Reporting not required.

Section 304-Hazardous Releases: Reporting not required.

Section 311- Community Right to Know (R-T-K): Reporting required for quantities above the TPQ

Section 312-R-T-K Inventory Reporting Data: Required for inventory above the TPQ.

Section 311 and 312 Hazard Categories: Immediate (Acute) Health Hazard: Yes

Fire Hazard: No

Reactivity Hazard: No

Sudden Release Of Pressure: No

SARA 313 Notification: Reporting may be required for users of this product within the manufacturing sector (S.I.C. 20-30). This does not apply to service companies.

CERCLA: Same as Section 304

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.