

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name:	Duo Clean Part B	Date Prepared	May 16, 2013
Product Number(s):	A - 110	Replaces	March 23,2011
Product Use:	Two Part Cleaning System		
Company Name:	Encore Industrial Products. LLC P.O. Box 941119 Houston, TX 77094-1119		
Telephone Numbers:	(281) 944-4777, (877) 703-3044, Fax (281) 944-4778		
Emergencies:	1 (877) 703-3044 Ex. 405 (24 hours, everyday)		

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

<u>Chemical Name</u>	<u>CAS Registry No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% (Optional)</u>
Sodium Hydroxide	1310-73-2	2mg/m ³	2mg/m ³		1-10
2-Butoxy Ethanol	111-76-2		50 PPM		1-5

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Will cause eye irritation and possible conjunctivitis with prolonged contact.

SKIN CONTACT: Will cause skin irritation and possible dermatitis with prolonged contact.

INHALATION: No significant hazard.

INGESTION: Harmful if swallowed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting skin and eye disorders may be aggravated by exposure to this product.

CARCINOGENICITY: NTP? Not determined IARC Monographs? Not determined OSHA Regulated? Not determined.

SECTION 4 FIRST-AID MEASURES

EYE CONTACT: Flush with plenty of water for at least 15 minutes, keeping lids apart. If irritation persists, get medical attention.

SKIN CONTACT: Wash with soap and water. If irritation persists, get medical attention. Remove clothing if contaminated.

INHALATION: Not applicable.

INGESTION: Do not induce vomiting. Give large quantities of water or milk if person is conscious. Get immediate medical Attention.

SECTION 5 FIRE-FIGHTING MEASURES

FLASHPOINT: None

FLASHPOINT (Propellant): NA

FLAMMABLE LIMITS: LEL: NA UEL: NA

AUTOIGNITION TEMP: Not determined

FIRE EXTINGUISHING MEDIA: Use water fog, foam, gas (CO2/Halon) dry chemical.

SPECIAL INFORMATION: If possible remove containers from fire area and cool. Wear protective clothing, eye, face, and skin protection. Be careful of spraying water directly on product, it may spatter and irritate exposed skin.

Unusual Fire and Explosion Hazards: Slight possibility of product reacting with some metals, such as aluminum, tin, Zinc, to produce explosive and flammable hydrogen gas. May produce toxic carbon monoxide.

SECTION 6 ACCIDENTAL RELEASE MEASURES

If possible neutralize with dilute acid, preferably acetic (vinegar). Rinse with water or absorb with floor absorbent, sawdust, or rags. Avoid contact with eyes, skin, or clothing.

SECTION 7 STORAGE AND HANDLING

HANDLING: Avoid contact with eyes and skin. Do not take internally. Wash hands thoroughly after use.

STORAGE: Do not store at temperature extremes. Keep from freezing. Keep containers closed. Keep out of the reach of children.



SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS:	Local exhaust adequate.
PERSONAL PROTECTION:	
EYES:	Safety glasses or chemical splash goggles.
HANDS:	Acid resistant gloves highly recommended.
RESPIRATORY:	None required.
FEET:	Chemical resistant shoes
BODY:	Chemical resistant apron.
Work/Hygienic Practices:	Do not smoke while using. Wash hands after use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Thin purple liquid with a mild odor.
VAPOR PRESSURE:	NA
VAPOR DENSITY:	NA
SOLUBILITY IN WATER:	Complete
BOILING POINT:	Comparable to water
FREEZING / MELTING POINT:	NA
EVAPORATION RATE:	Comparable to water (slower)
VOC: NA	pH: ND Specific Gravity: 1.07

SECTION 10 STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Do not store in metal containers
INCOMPATIBILITY (Materials to Avoid):	Do not mix with other chemicals. Heat can degenerated upon contact with acids, many metals, etc.
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	May produce carbon monoxide upon combustion.

SECTION 11 TOXICOLOGICAL INFORMATION

No information available.

SECTION 12 ECOLOGICAL INFORMATION

No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of according to local regulation for hazardous waste.

SECTION 14 TRANSPORT INFORMATION

U.S. Department of Transportation:

Not regulated.

SECTION 15 REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.

CERCLA: No reportable ingredients

SARA TITLE III:

Section 311/312 Hazard Category: Acute: No Chronic: No Fire: No Pressure: No Reactive Hazard: No

Section 313 Reportable Ingredients: 2-Botoxy Ethanol 111-76-2 50 PPM

SECTION 16 OTHER INFORMATION

NFPA RATING: Health – 2, Flammability – 0, Reactivity – 1, PPE - B

HMIS® RATING: Health – 2, Flammability – 0, Reactivity – 1, PPE - B

HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

NOTICE: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all federal, state, provincial, and local laws and regulations.

