

Force Four

MATERIAL SAFETY DATA SHEET						
SECTION 1 - PRODUCT SOURCE AND IDENTITY						
Supplier identity and address			Product description:		Date: Nov. 7, 2007	
Storm Clean, Inc P. O. Box 1737 Hollister, CA 95023			Name: Force Four Purpose: Heavy duty butyl cleaner.			
Fax Telephone number: 831-636-3326			Proprietary Formula Code: SCI FF		Product information: 408-590-5920	
SECTION 2 - SHIPPING CLASSIFICATION						
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number						
Compounds, cleaning liquid, Class 8, NA1760, PG III (Sodium hydroxide) ERG 154						
Labels required per 49 CFR 172.101:			None			
Qualifies for "Limited quantity" per 49 CFR 173:			Not regulated			
Reportable Quantity ("RQ") per 49 CFR 172.101:			None or not possible in one non-bulk package			
SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION						
Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200					Exposure Limit Values	
CAS#	313	Material or Component	% RQ#	TWA	STEL	
1310-73-2	No	Sodium hydroxide	8-10 1000	C 2 mg/m3		
11-76-2	Yes	2-butoxyethanol	< 5 None	25 ppm (skin)		
Product also contains non regulated detergents which may contribute to eye and skin irritation.						
No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2007" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.						
Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.						
Emergency overview: Caustic water based cleaner. Avoid contact with skin and eyes. Keep containers closed when not in use. Do not store in aluminum or galvanized containers.						
Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8,	
Immediate	Yes	No	No	No	OSHA 29 CFR 1910.1200 and	
Delayed	No	No	No	No	SARA 302/311/312/313.	
HMIS Hazard ratings: Health 2 Fire 0 Instability 0 Other B (Splash goggles, gloves)						
NFPA 704 Hazard Ratings: Health 2 Flammability 0 Reactivity 0 Special None						
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4						
Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.						
Threshold limit value: Not established on product.						
TOSCA Status: All ingredients listed				CERCLA RQ: See Sec 2.		
California Prop. 65: None						
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES						
Appearance:	Dark blue		Flash point deg. F (cc):		None	
Odor:	Slight "butyl"		Initial boiling point deg. C:		NA	
Specific gravity:	>1		Vapor pressure 20 deg C:		NA	
pH reaction:	13+		Freezing point deg. C:		NA	
% phosphorous:	0.3		Solubility in water:		100%	
California Rule 102 (66): Contains no photochemically active materials.						
Reproductive implications: None						
Ingredients on cancer lists: None.						

SECTION 5 - SAFE HANDLING AND STORAGE			
General		Keep off of skin and out of eyes. Do not breathe mists. Wipe up spills immediately as they may be slippery. Do not store in aluminum or galvanized containers.	
Protective equipment			
Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.		
Skin	Impervious gloves such as rubber worn when handling.		
Respiratory protection		None normally required. If risk of inhalation occurs, select and use a NIOSH/OSHA approved respirator.	
Ventilation	As required for worker comfort.		
Other	Eye wash station and safety shower should be close by spot where product is processed.		
SECTION 6- HEALTH SAFETY DATA			
Effects of chronic over exposure			
Eyes	Acute irritation. Permanent damage to cornea may be done if not flushed Immediately.		
Skin	May irritate skin on brief exposure.		
Inhalation	Will irritate respiratory system if breathed as a mist.		
Ingestion	Not a likely source of chronic exposure.		
SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA			
Explosive limits		Flash point: See Sec 4	
Lower ND	Upper ND	Conditions to avoid: None known	
Chemical stability	Stable		Hazardous decomposition products: Oxides of carbon and sulfur formed if burned.
Hazardous polymerization		Incompatibility: Acids will diminish performance.	
		Cannot occur	
SECTION 8- EMERGENCY RESPONSE PROCEDURES			
Fire	Extinguishing media		Use equipment appropriate to the main source of the fire.
	Unusual hazards		Caustic liquid.
First Aid	Eyes	Flush with water for at least 15 min. Seek medical attention.	
	Skin	Wash exposed skin with soap and water until gone. Remove affected clothes, rinse off product and wash clothes before reuse. Discard contaminated shoes.	
	Inhalation	If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.	
	Ingestion	Dilute by giving large amounts of water or milk. Call a physician.	
Spills	Small / large spill		Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways.
Product as made has the characteristic of corrosivity, like " Unlisted Hazardous Waste D002", RQ 100#.			
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MSDS prepared by: R.N. Miller 1-800-342-3577			