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JET CLEANER Page 1

F. W. DUNN COMPANY MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME (as it appears on label)
Fresh Start 2000 Jet Cleaner

NPCA/HMIS Ratings: Health 2; Flammability 0; Reactivity 0
NFPA Ratings: Health 2; Flammability 0; Reactivity 0

DISTRIBUTED BY:
F W DUNN COMPANY
Manufactured by M & P Industries, Inc.

EMERGENCY TELEPHONE: 1-304-736-4046 (plant)
1-800-535-5053 (INFOTRAC 24
HOUR EMERGENCY NUMBER)

ADDRESS (NUMBER, STREET, CITY, STATE, & ZIP CODE)
6144 Little Seven Mile Road, Huntington, WV. 25702

HAZARDOUS MATERIAL DESCRIPTION:

PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO., PACKING GROUP
Sodium hydroxide solution, 8, UN1824 II

ADDITIONAL HAZARD CLASSES (AS APPLICABLE)	CHEMICAL FAMILY	FORMULA
Not applicable	Not applicable	Mixture

SECTION II – PRODUCT IDENTIFICATION

- Table Z-1-A -

CAS REGISTRY NO.	%W	CHEMICAL NAME	TWA mg/M3	STEL mg/M3	CEILING mg/M3	CARCINOGEN
1310-73-2	1-2	Sodium hydroxide	-----	-----	-----	no
111-76-2*	5-6	2-Butoxyethanol	120	-----	-----	no

*This substance is subject to the reporting requirements of Section 312 of the Emergency Planning and Community Right-to-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III – PHYSICAL DATA

BOILING POINT 211 Deg. F	PERCENT SOLID BY WEIGHT 12	SPECIFIC GRAVITY (H2O=1) 1.050 @ 25° C
VAPOR PRESSURE Unknown	VAPOR DENSITY Unknown	EVAPORATION RATE Butyl Acetate = 1: <1
SOLUBILITY IN WATER Complete	pH 12.8 – 13.2	APPEARANCE AND ODOR Fluorescent green Liquid, slight butyl odor

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT: Not applicable **METHOD:** ASTM – D92

FLAMMABLE LIMITS: Not applicable
LEL: Not applicable **UEL:** Not applicable

EXTINGUISHING DATA: Water fog, carbon dioxide, foam, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known - This product is water based and presents no unusual fire hazards.

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SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Product is a corrosive material. Airborne mists may cause respiratory tract irritation. Skin contact may cause drying (product is a defatter) and dermatitis. Eye contact may result in permanent damage and possible blindness. Butoxyethanol is absorbed through the skin which may affect the liver, kidneys, and lymph and blood systems.

THRESHOLD LIMIT VALUE: Not established.

PRIMARY ROUTES OF ENTRY: INHALATION X SKIN CONTACT X OTHER (SPECIFY)

CONDITIONS AGGRAVATED BY USE: None known.

EMERGENCY FIRST AID PROCEDURES: **Eye contact** - Immediately flush with clean, cool water for at least 15 minutes. Call physician immediately. **Skin contact** - Wash with soap and water. Remove contaminated clothing. If irritation or redness occurs get medical attention. **Inhalation** - Remove to fresh air. If breathing has stopped artificial respiration should be started. Get medical attention. **Ingestion** - If conscious, give two glasses of water or milk. Do not induce vomiting. Get medical attention immediately.

SECTION VI – REACTIVITY DATA

STABILITY: UNSTABLE _____
STABLE X

CONDITIONS TO AVOID: Not Applicable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids / strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POYMERIZATION: May occur _____
Will not occur. X

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop leaks and contain spills. Remove as much material as possible and then flush remaining material with a large amount of water and drain to sanitary sewer. Alternative method is to use absorbents such as pads, socks, or dry chemical adsorbents. Put adsorbed material into proper waste disposal container with lid tightly closed. Larger spills may be taken up with dikes, pump or vacuum and finished off with dry chemical absorbent after free liquid is recovered.

DISPOSAL METHODS: This material is water-soluble and water-dilutable. Surfactants used are biodegradable. High pH of product could cause fish kills when high local concentrations exist momentarily but no long-term injurious effects to waterways will result. Follow all local, state, and federal regulations.