

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

H HEALTH	1
	0
F FLAMMABILITY	0

R REACTIVITY	0
PERSONAL PROTECTION Sleeve NC-1503R	1

IDENTITY (As Used on Label and List)
BULLDOG WATERLESS HAND CLEANER

Note: Blank spaces are not permitted. If any item is not applicable, information is available, the space must be marked to indicate.

Section I

Manufacturer's Name a div of	NEEDELS JANITOR SUPPLY CO NEEDELS COMPANY INC	Emergency Telephone Number	(612) 227-8331
Address (Number, Street, City, State, and ZIP Code)	444 WACOUTA ST ST PAUL, MN 55101	Telephone Number for Information	(612) 227-8331
		Date Prepared	2/19/92
		Signature of Preparer (optional)	

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Witcamide 5130 CAS #68604-35-3	NE	NE		
Diethanolamide CAS #111-42-2	3ppm	3ppm		
Nonylphenoxyethoxyethanol CAS #68412-54-4	NE	NE		
Water CAS #7732-18-5	NE	NE		
Mixture of C10-C13 Isoparaffins CAS #68551-17-7	NE	NE		
Lanolin Anhydrous CAS # NA	NE	NE		
Mineral Oil CAS #8042-47-5	5mg/m ³ (mist)	5mg/m ³ (mist)		

Section III — Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	Less than 1
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	Greater than 1	Evaporation Rate (Butyl Acetate = 1)	NK
Solubility in Water	Nil		
Appearance and Odor	White cream, Bouquet fragrance		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	greater than 210°F	TCC	Flammable Limits	NA	LEL	UEL
Extinguishing Media	CO ₂ , Dry chemical					
Special Fire Fighting Procedures	Water may be unsuitable as an extinguishing media.					
Unusual Fire and Explosion Hazards	Keep work areas free of hot metal surfaces.					

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid Avoid excessive heat.
	Stable	X	

Incompatibility (Materials to Avoid) Strong oxidizing agents, strong acids

Hazardous Decomposition or Byproducts Carbon dioxide, carbon monoxide

Hazardous Polymerization	May Occur		Conditions to Avoid NA
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? NO Skin? NO Ingestion? X

Health Hazards (Acute and Chronic) Causes severe eye irritation

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure See health hazards

Medical Conditions Generally Aggravated by Exposure NK

Emergency and First Aid Procedures For eye contact, flush with cool running water for at least 15 minutes. Get medical attention. For ingestion, Do not induce vomiting. Call a physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Absorb excess with absorbant granules. Flush area with water

Waste Disposal Method Sanitary landfill or in accordance with existing ordinances

Precautions to Be Taken in Handling and Storing Normal care in handling. Do not store near open flame or heat. Store in cool place.

Other Precautions Keep out of reach of children.

Section VIII — Control Measures

Respiratory Protection (Specify Type) NR

Ventilation	Local Exhaust NA	Special NR
	Mechanical (General) Normal good ventilation sufficient	Other NR

Protective Gloves NR Eye Protection NR

Other Protective Clothing or Equipment NR

Work/Hygenic Practices Do not contaminate food or beverage with cleaning chemicals

UPS/DOT Not regulated