

Bulldog Pine Floor Detergent 37-1004 MSDS Material Data Safety Sheet

Review and update this document annual as outlined by OSHA regulations and your safety plan.

PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Bulldog Pine Floor Detergent
Product Class: Floor Detergent
Emergency Telephone Number: 651-227-8331
Telephone Number for Information: 651-227-8331
Manufacturer's Name and Address:
 Needels Supply Inc.
 444 Wacouta Street
 Saint Paul, MN 55101

Date Prepared 01-10-2008

SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	OSHA PEL	AGGIH	Other Comments
A	Triethano lamine 85% CAS# NA	NE	NE	
B	Dodecylbenzenesulfonic Acid CAS# 27176-87-0	NE	NE	
C	Sodium Tripolyphosphate CAS# 7758-29-4	NA	NA	
D	Trisodium Phosphate CAS# 10101-89-0	NE	NE	
E	Nonylphenol Polyethylene Glycol Ether CAS# 127087-87-0	NE	NE	
F	*Dowanol Glyco Ether E B CAS# 111-76-2	25ppm	25ppm	4%
G	Yarmor 302 pine oil CAS# 8002-09-3	NE	NE	
H	Isopropyl alcohol 99% CAS# 67-63-0	400ppm	400ppm	
I	Water CAS# 7732-18-5	NE	NE	
J	Sodium Xylene Sulfonate Liquid CAS# 1300-72-7	100ppm	100ppm	
	*SARA 313 List of 40 CFR 372			

SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete
Appearance and Odor: Green color, Pine scent

SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition
Temperature: ND
Flash Point (method used): Greater than 210 DEG. F TCC
Flammable Limits: NA LEL: ND
 UEL: ND
Extinguishing Media: SEE BELOW

Water? X	Foam? X	Water Fog? X	Alcohol Foam?
CO2? X	Dry Chemical?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: NK
Unusual Fire and Explosion Hazards: NK
TDG Flammability Classification:
Sensitivity to Mechanical Impact: NO
Sensitivity to Static Discharge: NO

SECTION V - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: Do not mix with acids or acidic compounds. Do not freeze, keep at storage temperatures no higher than 115 Deg. F
Incompatibility (materials to avoid): Do not mix with acids or acidic compounds
Hazardous Decomposition or By-products: CO, CO2, NOX, SOX in small amounts when residue is incinerated.
Hazardous Polymerization: May occur: Will not occur: X
Conditions to Avoid: NA

SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Eye and skin irritant. Harmful if swallowed
Potential Health Hazards
Route(s) of Entry: Skin Absorption: X Ingestion: NO Inhalation: NO
Eye: Rinse Eyes with running water for at least 15 minutes. If irritation persists, see a physician.
Skin: In case of skin irritation flush affected area thoroughly with cool, running water
Ingestion: If swallowed, do not induce vomiting. Drink one to two glasses of water and call a physician immediately.

Signs and Symptoms of Exposure: See Health Hazards
Carcinogenicity: NTP? NO IARC Monographs? NO
OSHA Regulated? NO

SECTION VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: All spills should be treated as quickly as possible. Turn off all sources of ignition (pilot lights, cigarettes, etc.) in all areas close to spill. Provide good ventilation in spill area. **CAUTION:** Spills cause floors to become very slippery. It is recommended that an absorbent (oil dry, sawdust, etc.) be available in case a large spill (say more than 1/2 gallon) occurs. Diking and applying such material limits spread and improves ease of removal. Apply amounts recommended by the manufacturer this action generally makes the spill material into a semi-dry slush which can be removed from a floor using a squeegee (or floor brush) and a shovel (non sparking). Place this material in a waterproof container and hold for later disposal. After spill slush is removed, mop-rinse spill area with clear water. Mop-rinse again with clear and pick up rinse water with a wet/dry

vacuum, put defoamer in vacuum tank to prevent vacuum flooding. Put rinse water in slush container. For small spills (less than 1/2 gallon of product) clean up by thoroughly mopping and rinsing. Note: It is recommended that on operator wear impervious footwear (neoprene, etc.), protective eye glasses and protective gloves.

Precautions to be Taken in Handling and Storing: Normal care in handling and storage. Store at temperatures from 40 Deg. F to 115 DEG. F.

Other Precautions: Keep out of reach of children. Do not freeze

Waste Disposal Method: Dispose of in accordance with existing laws and regulations

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): NR

Ventilation: Local Exhaust: NA
Special: NR

Mechanical (General): Normal good ventilation sufficient
Other: NR
Protective Gloves: Rubber gloves suggested for hand work

Eye Protection: NR **Footwear:** NR
Other Protective Clothing or Equipment: NR
Work/Hygienic Practices: Do not contaminate food or beverage with cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 142 DEG F
pH:
Specific Gravity (H2O) = 1: approx. 1
% Volatile:
Vapor Density (Air = 1): Essentially same as water
Odor or Threshold:
Evaporation Rate (Butyl Acetate = 1): ND
Oil/Water Distribution
Solubility in Water: Coefficient:
Vapor Pressure (MM HG): Essentially same as water
Melting Point: NA

HMIS Hazardous Material Identification System	
Health (Salud)	1 = Slight Hazard (Riesgo Ligero)
Flammable (Inflamabilidad)	0 = Minimal Hazard (Riesgo Minimo)
Reactivity (Reactividad)	0 = Minimal Hazard (Riesgo Minimo)
Personal Protection	B = Gloves & Goggles
MSDS Abbreviations	
NE	Not Established
ND	Not Determined
NA	Not Available
NK	Not Known
NR	Not Required

