

# Blast Off All Purpose Spray Cleaner 37-1008 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): BLAST OFF ALL PURPOSE SPRAY CLEANER  
 Product Class: All purpose spray cleaner  
 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	Water CAS# 7732-18-5	NE	NE	
B	Tetrasodium Ethylene diamine tetraacetate CAS# 64-02-8	NE	2mg/m <sup>3</sup>	
C	Dipropylene Glycol Monomethyl Ether CAS# 34590-94-8	100ppm	100ppm	
D	Nonylphenol Polyethylene Glycol Ether CAS# 127087-87-0	NE	NE	
E	Sodium Tripolyphosphate CAS# 7758-29-4	NA	NA	
F	Potassium Hydroxide CAS# 1310-58-3	2mg/m <sup>3</sup> ceiling	2mg/m <sup>3</sup>	

## SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete  
 Appearance and Odor: Light Blue, No Odor

## SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition  
 Temperature:  
 Flash Point (method used): 200 DEG. F TCC  
 Flammable Limits: NA  
 Extinguishing Media See Below

Water? X	Foam? X	Water Fog?	Alcohol Foam?
CO <sub>2</sub> ? X	Dry Chemical?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: NR  
 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 freeze. Store at temperatures from 40 DEG. F to 110 DEG. F. Reacts with acidic and oxidizing compounds.  
 Incompatibility (materials to avoid): None. Do not mix with acidic or oxidizing compounds.  
 Hazardous Decomposition or By-products: CO, CO<sub>2</sub>, SO<sub>x</sub>, NO<sub>x</sub>, very small amounts, when residue is incinerated.  
 Hazardous Polymerization: May occur. Will not occur: X  
 Conditions to Avoid:

## 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: NO Ingestion: NO  
 Inhalation: NO  
 Eye: Flush eyes with cool running water for at least 15 minutes. If irritation persists, call physician.  
 Skin: For skin contact, wash with soap and water  
 Ingestion: If swallowed, do not induce vomiting. Drink one or two glasses of water. Call physician immediately.  
 Health Hazards: Eye and skin irritant, Harmful if swallowed.

Signs and Symptoms of Exposure: See health hazards  
 Carcinogenicity: NTP? NO IARC Monographs? NO  
 OSHA Regulated? NO  
 Signs & Symptoms of Exposure: NK.

## 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 110 DEG. F.

Other Precautions: Keep out of reach of children. Do not freeze. Do not mix with other chemicals.

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: NA Mechanical (General): Normal good ventilation sufficient Other: Note: Always provide good ventilation in area where spray application is of long duration, in this case wearing of a face mask is recommended.  
 Protective Gloves: Natural rubber or synthetic Eye Protection: Wear protective eyeglasses  
 Footwear: NR  
 Other Protective Clothing or Equipment: None  
 Work/Hygienic Practices: Do not contaminate food or beverage with this or any cleaning chemicals.

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 200 Deg. F pH:  
 12 +/- 0.1  
 Specific Gravity (H<sub>2</sub>O) = 1: 1 %  
 Volatile:  
 Vapor Density (Air = 1): Same as water  
 Evaporation Rate (Butyl Acetate = 1): NA  
 Solubility in Water: Complete  
 Vapor Pressure (MM HG): Same as Water  
 Melting Point: Liquid, except when frozen

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

