



# MATERIAL SAFETY DATA SHEET

## SECTION I. IDENTITY

Date: January 10, 2001

Identity (As Used on Label and List): Brake Away™		Emergency Telephone Number: CHEMTREC: (800) 424-9300 CANUTEC: (613) 996-6666	
DOT Proper Shipping Name: NMFC #48580 Sub 3 Soap, NOI Liquid			
Manufacturer's Name: Production Car Care Products		Distributor's Name:	
Address: 1000 East Channel Street		Address:	
City - State - ZIP - Phone#: Stockton, CA 95205 209/943-7337		City - State - ZIP - Phone#:	
<p><b>HAZARD RATING</b></p> <p>4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p> <p>N/D = Not determined N/A = Not applicable</p>			

## SECTION II. HAZARDOUS INGREDIENTS

Hazardous Components:	Specific Chemical Common Names(s)	OSHA PEL	ACGIH TLV	LD 50 of Ingredient	LC 50 of Ingredient
	Silicic Acid, Disodium Salt CAS#6834-92-0	Not Established	Not Established	(oral) rat-800 mg/kg	
	Surfactant CAS#9016-45-9	Not Established	Not Established	rat-3000 mg/kg	

## SECTION III. PHYSICAL CHARACTERISTICS

Boiling Point:	N/D	Specific Gravity: (H <sub>2</sub> O = 1) > 1	N/D
Vapor Pressure (mm Hg.):	Negligible	pH:	12 (1% Aqueous Sol.)
Vapor Density:	N/A	Evaporation Rate: (Butyl Acetate =1)	N/D
Solubility in Water:	61 g/100 g of water @ 30 °C/86 °F	Melting Point:	72.2 °C/162.9 °F
Appearance and Odor:	Clear light blue liquid with no odor.		

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used)	None	Auto Ignition Temperature:	N/D	Flammability Limits:	N/D	LEL	UEL
Extinguishing Media:	Regular foam, carbon dioxide or dry chemical.						
Fire Fighting Procedures:	Use self-contained breathing apparatus						
Unusual Fire and Explosion Hazards:	This material is not considered to be an explosion hazard.						

## SECTION V. REACTIVITY DATA

Brake Away

Stable:	<input checked="" type="checkbox"/>	Unstable:	<input type="checkbox"/>	Condition to Avoid:	
Hazardous Decomposition or By-products: None known					
Incompatibility (Materials to Avoid): Strong Oxidizing Agents					
Polymerization Hazard:	May Occur		Conditions to Avoid: None known		
	Will Not Occur <input checked="" type="checkbox"/>				

## SECTION VI. HEALTH HAZARD DATA

Routes of Entry:	Inhalation:	Skin:	Ingestion: Yes
Health Hazards: (Acute and Chronic)	Over Exposure - Eyes: irritation. Skin: moderate irritation. Breathing: nausea. Ingestion: nausea, vomiting, diarrhea.		
Additional Carcinogenicity Information (If Any):	None known		
Signs and Symptoms of Exposure:	Nausea - Irritation of eyes or Skin		
Medical Conditions That May Be Aggravated by Exposure:	Poor General Health		
Emergency and First Aid Procedures:	1) Eyes: Flush 2) Ingestion: Do not induce vomiting. 3) Breathing: Remove to fresh air 4) Skin: Wash with water (CALL DOCTOR FOR 1, 2 and 3)		

## SECTION VII. EMERGENCY RESPONSE PROCEDURES

Container Size:	<input checked="" type="checkbox"/> 5 Gal. or Less	<input checked="" type="checkbox"/> 55 Gal. or Less	<input type="checkbox"/> Bulk	<input type="checkbox"/> Other: _____
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### Steps to be Taken If Material Is Released or Spilled

STEP 1. Human Health Protection: Avoid using in closed areas	STEP 2. Containment and Control: Absorb with sand or absorbent material
STEP 3. Decontamination: Prevent runoff to sewer or surface water	STEP 4. Hazardous Waste Packaging/Shipping Requirements: In accordance with Local, State and Federal Regulations
Waste Disposal Method: In accordance with Local, State and Federal Regulations	

## SECTION VIII. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing:	Keep product closed - Store away from heat or flame
Other Precautions:	Keep out of reach of children

## SECTION IX. CONTROL MEASURES

Respiratory Protection: If OSHA PEL/TLV is exceeded use NIOSH/MSHA approved air-supplied respirator.			
Ventilation	Local Exhaust:	N/A	Special: N/A
	Mechanical:	Preferred	Other: N/A
Protective Gloves:	Recommended		Eye Protection: Safety spectacles
Other Protective Clothing or Equipment: Normally not needed			
Work/Hygienic Practices: No eating, drinking or smoking. Wash up after use.			

### Disclaimer of Liability

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