

ITW Permatex
Versachem Brand
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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **VERSACHEM DISC BRAKE QUIET AEROSOL**
Product Type: **Brake maintenance**

This product appears in the following stock number(s):
27108

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
ACETONE 67-64-1	10-30	500 ppm	1000 ppm; 2400 mg/m ³
PROPANE 74-98-6	15-40	1000 ppm	1000 ppm; 1800 mg/m ³
N-HEXANE 110-54-3	15-40	50 ppm	500 ppm; 1800 mg/m ³
BUTANE 106-97-8	5-15	1000 ppm	800 ppm; 1900 mg/m ³
ETHYL ACETATE 141-78-6	<5	400 ppm	400 ppm; 1400 mg/m ³
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	<5	Not listed	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: This material is irritating to skin, eyes and respiratory tract. n-Hexane may damage peripheral nerve tissue. Ethyl acetate may cause anemia. Aspiration hazard if swallowed. High concentrations may cause central nervous system (CNS) depression. Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure: May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Swallowing: This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Aspiration into the lungs can cause chemical pneumonia which can be fatal. Repeated exposure may cause skin dryness or cracking. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation.

Component	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
ACETONE 67-64-1	10-30		A4 - Not Classifiable as a Human Carcinogen	

Aggravated Medical Condition: Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing and launder before reuse. Wash with soap and water. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): Extremely flammable per flame projection test

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam

5. FIRE FIGHTING MEASURES

Special Fire-Fighting Procedures:	Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact
Hazardous Products of Combustion:	Oxides of carbon
Unusual Fire/Explosion Hazards:	Danger! This product is extremely flammable. May cause flash fire. Contents under pressure. Heated cans may burst.
Lower Explosive Limit:	n/d
Upper Explosive Limit:	n/d

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
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7. HANDLING AND STORAGE

Storage:	Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C). Store in accordance with NFPA 30B for Level 3 Aerosols.
Handling:	Do not use near heat, sparks or open flame. Do not puncture or incinerate container. Avoid contact with skin and eyes. Intentionally concentrating and inhaling the vapor may be harmful or fatal. Use only in a well ventilated area. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses
Skin:	Neoprene or nitrile gloves recommended
Ventilation:	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product
Respiratory Protection:	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue liquid
Odor:	Solvent
Boiling Point:	>100°F (>38°C)
pH:	Not applicable
Solubility in Water:	Insoluble
Specific Gravity:	0.7-0.8
VOC(Wt.%):	59.5%
Vapor Pressure:	Not Determined
Vapor Density (Air=1):	>1
Evaporation Rate:	<1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at normal conditions
Hazardous Polymerization:	Will not occur
Incompatibilities:	Strong oxidizers
Conditions to Avoid:	Keep away from heat, sparks and open flame. - No smoking.
Hazardous Products of Combustion:	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:	Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number:	D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)	
U.S. Department of Transportation - DOT - 49 CFR (Ground)	
DOT Shipping Name:	Aerosols, Limited Quantity

14. TRANSPORTATION INFORMATION

Hazard Class: Class 2.1
UN/ID Number: UN 1950

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN Number: UN 1950

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

SARA 313 Information Hexane

California Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 4, REACTIVITY 0
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0
(NFPA is a registered trademark of the National Fire Protection Association)
(HMIS is a registered trademark of the National Paint and Coatings Association)

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