

MATERIAL SAFETY DATA SHEET

Trade Name: Johnsens Disc Brake Quiet
MSDS NO. 2412
Revision Date: 04/11/2006
Date Printed: 12/30/2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Johnsens Disc Brake Quiet
Chemical Family: SOLVENT
Synonyms: None
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300

Supplier: Technical Chemical Company, P.O. Box 139, Cleburne, Texas 76033

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	OSHA TWA	OSHA STEL	OSHA SKIN
Heptane 142-82-5	40-50	Not Listed	Not Listed	Not Listed
Propane 74-98-6	10-20	Not Listed	Not Listed	Not Listed
Toluene 108-88-3	10-15	Not Listed	Not Listed	Not Listed
Butane 106-97-8	1-10	Not Listed	Not Listed	Not Listed

Component	Weight %	OSHA Z PEL	OSHA Z TWA	OSHA Z Ceiling
Heptane 142-82-5	40-50	2000 mg/m ³ 500 ppm	1600 mg/m ³ 400 ppm	Not Listed
Propane 74-98-6	10-20	1800 mg/m ³ 1000 ppm	1800 mg/m ³ 1000 ppm	Not Listed
Toluene 108-88-3	10-15	Not Listed	200 ppm 375 mg/m ³ 100 ppm	300 ppm
Butane 106-97-8	1-10	Not Listed	1900 mg/m ³ 800 ppm	Not Listed

Component	ACGIH TLV TWA	ACGIH TLV STEL	ACGIH TLV Ceiling
Heptane 142-82-5	400 ppm	500 ppm	Not Listed
Propane 74-98-6	1000 ppm	Not Listed	Not Listed
Toluene 108-88-3	50 ppm	Not Listed	Not Listed
Butane 106-97-8	1000 ppm	Not Listed	Not Listed

3. HAZARDS IDENTIFICATION

Emergency Overview: Danger: Extremely flammable. Content under pressure. Harmful or fatal if swallowed. Vapor Harmful. Keep away from heat, sparks, and flame. Can cause nervous system depression.

HMIS Classification: Health: *2 Flammability: 4 Physical Hazard: 2
NFPA Rating: Health: 2 Flammability: 4 Reactivity: 0

4. FIRST AID MEASURES

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Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Get medical attention immediately.
Ingestion: Seek medical attention immediately. Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Do not leave individual unattended.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Skin Contact: Wash with soap and water. Remove contaminated clothing and shoes, and launder before reuse. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point °F(°C): <0 F
Flash Point Method: TAG Closed Cup
Flammable Limits in Air - Lower (%): NT
Flammable Limits in Air - Upper (%): Not Determined
Autoignition Temperature °F(°C): Not Determined
Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Protection Of Fire-Fighters:

Special Fire-Fighting Procedures: EXTREMELY FLAMMABLE. Contents under pressure. Cool exposed containers with water spray to prevent bursting. SCBA should be used whenever chemical fires are present.
Hazardous Combustion Products: Carbon Dioxide. Carbon Monoxide.
Aerosol Comments: NFPA Level 3 Aerosol

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Spill Procedures: Contain any liquid from leaking containers. Wear protective equipment specified.
Action to be taken if material is released or spilled: Remove sources of ignition. Increase area ventilation. Do not puncture or incinerate container. Contents under pressure. Clean up using dry procedures; avoid dusting. Sweep or gather up material and place in proper container for disposal or recovery.
Environmental Precautions: Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

7. HANDLING AND STORAGE

Handling and Storage: Danger: Extremely flammable. Caution: Contents under pressure. Keep away from heat and open flame. Do not puncture, incinerate or store above 120 F. Do not store in passenger compartment of automobile. Use only in a well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Exhaust ventilation. Showers. Eyewash stations.
Eyes: Wear safety glasses or goggles to protect against exposure.
Skin Protection: Use chemical resistant gloves for prolonged skin contact. Rubber apron.
Respiratory Protection: Use an approved NIOSH organic vapor respirator below the TLV. If TLV is exceeded or overexposure is likely, use positive pressure or self contained breathing apparatus.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless spray/mist.
Odor: TYPICAL SOLVENT
pH Value: Not Determined
Vapor Pressure: Not Determined
Vapor Density (Air=1): Not Determined
Boiling Point (°F): N/A
Melting/Freezing Point: Not determined.
Solubility in Water: NEGLIGIBLE
Bulk Density at 20°C: Not Determined

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9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: Mixture
Specific Gravity (H2O=1): .81
Viscosity: Not determined.
Evaporation Rate: Not Determined
VOC Content(%): Not Determined.
Decomposition Temperature: Not Known

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE.
Conditions to Avoid: Keep away from heat, sparks and flame. Temperature over 120 F.
Materials to Avoid: Strong acids. Strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.
Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Component	Route	Species	Dose
Heptane 142-82-5	Inhalation	Rats	LC50 103 gm/m ³ /4H
Propane 74-98-6	NA	NA	Not known.
Toluene 108-88-3	Inhalation	Rats	LC50 49 gm/m ³ /4H
Butane 106-97-8	NA	NA	LC50 658 gm/m ³ /4H

Carcinogenicity:

Component	IARC	NTP	OSHA
Heptane 142-82-5	Not Listed	Not Listed	Not Listed
Propane 74-98-6	Not Listed	Not Listed	Not Listed
Toluene 108-88-3	Group 3 (not classifiable)	Not Listed	Not Listed
Butane 106-97-8	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Remarks: Ecological testing has not been conducted on this product.

13. DISPOSAL CONSIDERATION

Waste Classification: Not determined.
Waste Management: Not determined.
Disposal Method: Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT:
Proper Shipping Name: ORM-D CONSUMER COMMODITY
Hazard Class: ORM-D

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14. TRANSPORTATION INFORMATION

UN/NA Number: Not Applicable
 DOT Packing Group: Not Applicable

IMDG:
 Proper Shipping Name: Aerosols
 Hazard Class: 2.1 (limited Quantity)
 Hazard Subclass: Not determined.
 UN No.: UN1950
 Packing Group: Not determined.
 Marine Pollutant: No

15. REGULATORY INFORMATION

US Federal Regulations:

Component	SARA 313	SARA 302	TPQ	RQ
Heptane 142-82-5	Not Listed	Not Listed	Not Listed	Not Listed
Propane 74-98-6	Not Listed	Not Listed	Not Listed	Not Listed
Toluene 108-88-3	Listed.	Not Listed	Not Listed	Not Listed
Butane 106-97-8	Not Listed	Not Listed	Not Listed	Not Listed

SARA 311/312 Hazard Categories: Not Determined.

State Regulations:

Component	California Prop. 65 Cancer list	California - Prop 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
Heptane 142-82-5	Not Listed	Not Listed	Not Listed	Not Listed
Propane 74-98-6	Not Listed	Not Listed	Not Listed	Not Listed
Toluene 108-88-3	Not Listed	Listed: January 1, 1991 Developmental toxin.	Not Listed	Not Listed
Butane 106-97-8	Not Listed	Not Listed	Not Listed	Not Listed

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Component	New Jersey Right-to-Know List:
Heptane 142-82-5	Substance no. 2422 Substance no. 2423 Substance no. 2425 Substance no. 2426 Substance no. 2427 Substance no. 2428 Substance no. 2429 Substance no. 2430 Substance no. 1339
Propane 74-98-6	Substance no. 2422 Substance no. 2423 Substance no. 2425 Substance no. 2426 Substance no. 2427 Substance no. 2428 Substance no. 2429 Substance no. 2430 Substance no. 1594
Toluene 108-88-3	Substance no. 1866 Substance no. 2422 Substance no. 2423 Substance no. 2425 Substance no. 2426 Substance no. 2427 Substance no. 2428 Substance no. 2429 Substance no. 2430
Butane 106-97-8	Substance no. 0273 Substance no. 2422 Substance no. 2423 Substance no. 2425 Substance no. 2426 Substance no. 2427 Substance no. 2428 Substance no. 2429 Substance no. 2430

U.S. TSCA: The components of this product are listed on the TSCA Inventory.
Canadian Inventory: The components of this product are listed on the Canadian DSL or NDSL Inventory.
Consumer Product Safety Improvement Act of 2008 General Conformity Certification

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

16. OTHER INFORMATION

General Notes:
Disclaimer: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system. The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.