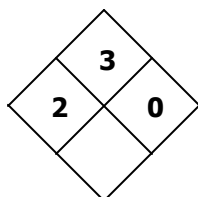


CHEMSOLV, INC.

Material Safety Data Sheet



NFPA Rating

Product: COMMODORE BRAKE CLEANER
Issue Date: November 1, 2008
Revision Date:
Supersedes Date:
Revision No.: 0000

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: COMMODORE BRAKE CLEANER

RESPONSIBLE PARTY	CHEMICAL EMERGENCY
CHEMSOLV, INC. 1140 Industry Avenue, SE Roanoke, VA 24013 (540) 427-4000 or (800) 523-3099	CHEMTREC (800) 424-9300 (24 hours)

2. HAZARDOUS COMPONENTS

<u>Component(s)</u>	<u>CAS Number</u>	<u>Concentration (%) (optional)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Heptane	142-82-5	45 – 55	50 ppm	50 ppm
Acetone	67-64-1	45 - 55	1000 ppm	750 ppm
Xylene	1330-20-7	0 - 5	100 ppm	100 ppm

3. HAZARDS IDENTIFICATION

Potential Health Effects

Immediate (Acute): Inhalation or ingestion may cause lightheadedness or unconsciousness.

Delayed (Chronic): Can cause headache, depression, fatigue, and loss of appetite. Skin contact can cause dermatitis.

Signs and Symptoms of Exposure: Headache, nausea, dizziness, anesthesia.

4. FIRST AID MEASURES

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: Flush skin with water while removing contaminated clothing and shoes. If irritation occurs, get medical attention.

Inhalation: Remove individual to fresh air. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

Ingestion: Do not induce vomiting. Aspiration material into the lungs due to vomiting can cause chemical pneumonia.

5. FIRE AND EXPLOSION DATA

Flash Point: > 0° F

Lower Flame Limit: Not determined.

Higher Flame Limit: Not determined.

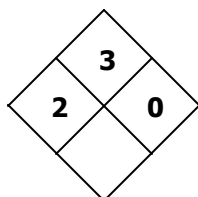
Extinguishing Media: Use alcohol foam, dry chemical, CO2.

Fire Fighting Instructions: Flammable Liquid. Positive pressure NIOSH-approved self-contained breathing apparatus is suggested. Cool fire exposed containers with water.

Fire and Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up that could result in rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

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6. HANDLING AND STORAGE

Keep liquid and vapor away from heat, sparks and flame. Extinguish all sources of ignition. Use with adequate ventilation. Containers can contain explosive vapors. Do not cut, weld, drill or grind near containers. Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.

7. ACCIDENTAL RELEASE MEASURES

Flammable. Eliminate all sources of ignition. Handling equipment must be grounded.

Large Spill: Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Dike and contain spill.

Small Spill: Take up with an absorbent material and place in non-leaking containers. Seal tightly for proper disposal.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Use local and/or mechanical exhaust.

Personal Protection: **Respiratory Protection:** NIOSH-approved respirator to prevent over-exposure.

Skin: Chemical resistant gloves such as neoprene or nitrile to minimize contact.

Eye: Chemical goggles if there is a likelihood of contact with the eyes.

9. PHYSICAL DATA

Appearance: liquid

Vapor Pressure (mm Hg): Unknown

Vapor Density (air=1): >1

Boiling Point/Range: 150°F

Solubility in Water: Insoluble

Specific Gravity (Water=1): 0.74 - .75

10. REACTIVITY DATA

Chemical Stability: Stable.

Conditions to Avoid: Avoid heat, sparks, flame and contact with strong acids and oxidizers.

Hazardous Polymerization: Will not occur.

Materials Incompatibility: Avoid contact with strong oxidizing agents, strong alkalis, and strong mineral acids.

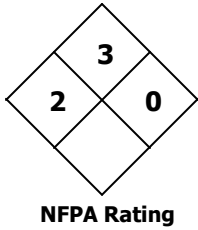
Hazardous Decomposition Products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

Xylene: Mammalian Data: Oral LD50: 4.3 gm/kg Inhalation LD50: 28 mg/1

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12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATION

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations. Recovery and reuse, rather than disposal, should be the ultimate goal of handling efforts.

14. TRANSPORT INFORMATION

Proper DOT Shipping Name: Flammable Liquid, NOS (Acetone, Heptane)
Hazard Class: 3
ID Number: UN1993
Packing Group: II

15. REGULATORY INFORMATION

SARA 311/312: Fire Hazard, Immediate (Acute) Health Hazard, Chronic (Delayed) Health Hazard
SARA 313 Chemicals: Toluene [CAS#108-88-3], Form R reporting required.
TSCA Inventory: All components of this product are listed or are exempt from listing.

16. ADDITIONAL INFORMATION

ALL STATEMENTS, INFORMATION AND DATA PROVIDED IN THIS MATERIAL SAFETY DATA SHEET ARE BELIEVED TO BE ACCURATE AND RELIABLE, BUT ARE PRESENTED WITHOUT GUARANTEE, REPRESENTATION, WARRANTY OR RESPONSIBILITY OF ANY KIND, EXPRESSED OR IMPLIED. ANY AND ALL REPRESENTATIONS AND / OR WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY DISCLAIMED. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION OR PRODUCTS FOR THEIR PARTICULAR PURPOSE. NOTHING CONTAINED HEREIN IS INTENDED AS PERMISSION, INSUCEMENT OR RECOMMENDATION TO VIOLATE ANY LAWS OR TO PRACTICE ANY INVENTION COVERED BY EXISTING PATENTS, COPYRIGHTS OR INVENTIONS.