

# MATERIAL SAFETY DATA SHEET

Trade Name: Castrol A/C Flush  
MSDS NO. 3400  
Revision Date: 04/11/2006  
Date Printed: 12/30/2008

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Castrol A/C Flush  
Synonyms: A/C Flush  
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

Other: Contains no ingredients now known to be hazardous as defined by OSHA. Castrol is registered in the U.S. Patent and Trademark Office.

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Warning! Aspiration hazard. Causes respiratory irritation. Causes eye and skin irritation. If swallowed, do not induce vomiting. Avoid contact with skin and eyes. Avoid breathing vapors. Use with adequate ventilation. Wash thoroughly after handling. Keep container closed.

**HMIS Classification:** Health: 1 Flammability: 1 Physical Hazard: 0  
**NFPA Rating:** Health: 1 Flammability: 1 Reactivity: 0

## 4. FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. Flush with copious amounts of water. Get medical attention.  
**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed - can enter lungs and cause damage. Get immediate medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Cover irritated skin with an emollient. 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):** 260F (126.7C)  
**Flash Point Method:** COC  
**Flammable Limits in Air - Lower (%):** Not Determined  
**Flammable Limits in Air - Upper (%):** Not Determined  
**Autoignition Temperature °F(°C):** Not Determined  
**Extinguishing Media:** Carbon dioxide. Dry chemical. Foam. Water fog. DO NOT use straight water streams.  
**Protection Of Fire-Fighters:**

**Special Fire-Fighting Procedures:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing.  
**Hazardous Combustion Products:** Carbon Monoxide. Carbon Dioxide. Fumes and Smoke.  
**Aerosol Comments:** Not Applicable

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate protective clothing and equipment to prevent skin and eye contact.  
**Spill Procedures:** Wear protective equipment specified. Contain any liquid from leaking containers.  
**Action to be taken if material is released or spilled:** Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container.  
**Environmental Precautions:** Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

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## 7. HANDLING AND STORAGE

**Handling and Storage:** Do Not Swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only in a well ventilated area. Wash thoroughly after handling. Keep container closed when not in use. Store in a well ventilated, cool, dry area. Keep away from heat and open flame. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Eyewash stations. Showers. Use local exhaust.  
**Eyes:** Safety glasses with side shields.  
**Skin Protection:** Impervious gloves. Rubber apron.  
**Respiratory Protection:** Respirator is not needed under normal and intended conditions of product use. If ventilation is inadequate, use a NIOSH certified N95 or P95 particulate respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear colorless liquid.  
**Odor:** Slight Aromatic.  
**pH Value:** Not Determined  
**Vapor Pressure:** 1 mmHg @ 100 C  
**Vapor Density (Air=1):** Not Available  
**Boiling Point (°F):** 206F (96.7C0)  
**Melting/Freezing Point:** Not Available.  
**Solubility in Water:** Insoluble in cold water.  
**Bulk Density at 20°C:** Not Available  
**Molecular Weight:** Not Available  
**Specific Gravity (H2O=1):** .87  
**Viscosity:** 5-7 cSt @ 40C  
**Evaporation Rate:** Not Determined  
**VOC Content(%):** Not determined.  
**Decomposition Temperature:** Not Known

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of handling, use and transportation.  
**Conditions to Avoid:** High temperatures. Avoid any source of ignition.  
**Materials to Avoid:** Strong oxidizing agents. Acids or alkalies.  
**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide. Smoke and Fumes.  
**Hazardous Polymerization:** WILL NOT OCCUR

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Data:**

**Carcinogenicity:**

**Comments:** No component known to be present in this product at >.1% is presently listed as a carcinogen by IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

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

## 13. DISPOSAL CONSIDERATION

**Waste Classification:** This product as purchased does not fall under current U.S. EPA RCRA definitions of hazardous waste. Under RCRA it is the generator's responsibility to determine the status of the waste at the time of its disposal. This product does not contain any CERCLA regulated materials.  
**Waste Management:** Recovery and reuse, rather than disposal, should be the ultimate goal of handling efforts.

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## 13. DISPOSAL CONSIDERATION

**Disposal Method:** Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

**U.S. DOT:**  
**Proper Shipping Name:** Not Regulated  
**Hazard Class:** Not Applicable  
**UN/NA Number:** Not Applicable  
**DOT Packing Group:** Not Applicable

**IMDG:**  
**Proper Shipping Name:** Not Regulated  
**Hazard Class:** Not Applicable  
**Hazard Subclass:** Not Applicable  
**UN No.:** Not Applicable  
**Packing Group:** Not Applicable  
**Marine Pollutant:** No

## 15. REGULATORY INFORMATION

### US Federal Regulations:

**US OSHA HEALTH CLASSIFICATION:** Hazardous per OSHA 29 CFR 1910.1200  
**SARA 311/312 Hazard Categories:** Immediate Health: Yes, Delayed Health: No, Fire: No, Reactive: No, Pressure: No.

### State Regulations:

**U.S. TSCA:** One or more components of this product is not listed on the TSCA Inventory.  
**Canadian Inventory:** One or more components of this product is not listed on the Canadian DSL or NDSL Inventory.  
**Carcinogenicity:** No component of this product at levels greater than .1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC).

### 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.