MATERIAL SAFETY DATA SHEET

Trade Name: Castrol Premium AC Flush Non-Flammable 1 Gal
MSDS NO. 6644
Revision Date:
Date Printed 07/07/2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Castrol Premium AC Flush Non-Flammable 1 Gal
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

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>OSHA PEL TWA</th>
<th>OSHA PEL Ceiling Limits</th>
<th>ACGIH TLV TWA</th>
<th>ACGIH TLW STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 67-63-0</td>
<td>1-5</td>
<td>400 ppm</td>
<td>Not Known</td>
<td>400 ppm</td>
<td>500 ppm</td>
</tr>
<tr>
<td>proprietary ingredient unk</td>
<td>1-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

Emergency Overview: Caution: Aspiration hazard. May cause irritation to skin and eyes. Mist may cause respiratory tract irritation. Vapor may cause flash fire.
HMIS Classification: Health: 1 Flammability: 1 Reactivity: 0 Special: B
NFPA Rating: Health: 1 Flammability: 1 Reactivity: 0

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
Ingestion: Aspiration hazard if swallowed - can enter lungs and cause damage. Do Not Induce Vomiting Get immediate medical attention. If vomiting occurs, keep head lower than hips to prevent aspiration. If victim is conscious and alert, give 1-2 glasses of water to drink. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
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 soap and water for at least 15 minutes. Get medical attention. Get medical attention if irritation persists. Wash clothing before reuse.

5. FIRE FIGHTING MEASURES

Flammable Properties
Flash Point ºF(ºC): None
Flash Point Method: Not Determined
Flammable Limits in Air - Lower (%): 2
Flammable Limits in Air - Upper (%): 5
Autoignition Temperature ºF(ºC): 400
Extinguishing Media: Alcohol foam. On small fires, dry chemical, dry sand, or CO2 may also be effective in large quantities.
Protection Of Fire-Fighters: Wear approved positive-pressure self-contained breathing apparatus and protective clothing.
Special Fire-Fighting Procedures: Wear approved positive-pressure self-contained breathing apparatus and protective clothing.
Hazardous Combustion Products: Carbon Dioxide. Halogenated compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Spill Procedures: Wear protective equipment specified. Keep away from heat sparks and flames. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
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. Do not allow any potentially contaminated water, including rain water runoff from fire fighting or spills to enter any waterway, sewer, or drain.
Trade Name: Castrol Premium AC Flush Non-Flammable 1 Gal
MSDS NO. 6644
Revision Date:
Date Printed 07/07/2005

Environmental Precautions: Keep away from drains.

7. HANDLING AND STORAGE
Handling and Storage: Use ground strap. Keep container closed when not in use. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Use only in a well ventilated area. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSOINAL PROTECTION
Engineering Controls: Exhaust ventilation.
Eyes: Wear safety glasses or goggles to protect against exposure.
Skin Protection: Avoid skin contact. Wear protective clothing and gloves. Use chemical resistant gloves for prolonged skin contact.
Respiratory Protection: Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded.... Or over exposure is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Clear colorless liquid.
Odor: MILD
pH Value: Not Determined
Vapor Pressure: 18.5 kPa @ 20C
Vapor Density (Air=1): >1
Boiling Point (°F): 153.9
Melting/Freezing Point: -166
Solubility in Water: Insoluble in cold water.
Bulk Density at 20°C: Not Determined
Molecular Weight: Not Determined
Specific Gravity (H2O=1): 1.23 - 1.26
Viscosity: >7 cSt (estimated)
Evaporation Rate: Not Determined
VOC Content(%): Not determined.
Decomposition Temperature: Not Known

10. STABILITY AND REACTIVITY
Chemical Stability: STABLE.
Conditions to Avoid: Avoid any source of ignition.
Materials to Avoid: Contact with oxidizing agents.
Hazardous Decomposition Products: Carbon dioxide.
Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION
Toxicological Data:

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>Route</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Propyl bromide</td>
<td>95-100</td>
<td>Inhalation</td>
<td>Rats</td>
<td>253 gm/m3/30M</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>1-5</td>
<td>Inhalation</td>
<td>Rats</td>
<td>LC50 16,000 ppm</td>
</tr>
<tr>
<td>67-63-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>proprietary ingredient</td>
<td>1-5</td>
<td>Inhalation</td>
<td>Rats</td>
<td>Not known.</td>
</tr>
<tr>
<td>unk</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Carcinogenicity:

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Propyl bromide</td>
<td>95-100</td>
<td>Not Listed</td>
<td>Assigned to Laboratory for Toxicology/Carcinoenesis Study.</td>
<td>Not Listed</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATION

Waste Classification: Not determined.

Waste Management: Not determined.

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

IMDG:
- Proper Shipping Name: Not determined.
- Hazard Class: Not determined.
- Hazard Subclass: Not determined.
- UN No.: Not determined.
- Packing Group: Not determined.
- Marine Pollutant: Not determined.

15. REGULATORY INFORMATION

US Federal Regulations:

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>SARA 313</th>
<th>SARA 302</th>
<th>RQ</th>
<th>TPQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Propyl bromide</td>
<td>95-100</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>1-5</td>
<td>Listed</td>
<td>Not Listed</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>67-63-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>proprietary</td>
<td>1-5</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>ingredient unk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories: Immediate

State Regulations:

<table>
<thead>
<tr>
<th>Ingredient/CAS No.</th>
<th>wt. %</th>
<th>California Prop. 65 Cancer list</th>
<th>California Prop. 65 Developmental Toxicity</th>
<th>California Prop. 65 Reproductive Female</th>
<th>California Prop. 65 Reproductive Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Propyl bromide</td>
<td>95-100</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>106-94-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>1-5</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>67-63-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
proprietary ingredient
unk

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

Disclaimer:
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.