

MATERIAL SAFETY DATA SHEET**MANUFACTURER:**

VIP SOAP PRODUCTS
32859 Mission Way
Mission BC V2V 6E4
Canada

SUPPLIER:**Emergency Numbers:**

Canada: CANUTEC: (613) 996-6666

Date: May 16, 2012

Revision: 02

01. PRODUCT IDENTIFICATION AND USE:

Product Name: **ECHOCLEAN SHOWER CLEANER**

Product Use: General hard surface cleaner

WHMIS Code: E

TDG Information: Not Regulated

02. HAZARDOUS INGREDIENT:

| <u>INGREDIENT</u> | <u>LD₅₀</u> | <u>LC₅₀</u> | <u>CAS#</u> | <u>RANGE %</u> |
|-------------------|------------------------|------------------------|-------------|----------------|
| Citric Acid | 6730 mg/kg ORL-RAT | No Data | 77-92-9 | 5 - 10 |

03. PHYSICAL DATA

Appearance and Odor: Clear pale green liquid with pleasant fragrance
Boiling Point °C: ±100
Coeff. Oil/Water Dist: Greater than 1.0
Evaporation Rate: (Butyl Acetate = 1) Similar to water
Melting Point °C: 0
Odor Threshold: N/A
pH: 2 - 3 direct
Solubility in Water: Soluble
Specific Gravity: 1.02 g/l
Vapor Density: (Air = 1.0) N/A
Vapor Pressure:(mm of Hg @ 20°C) N/A

04. FIRE AND EXPLOSION HAZARD DATA

Flash Point °C: None to boiling
Extinguishing Media: Will not burn or support combustion
Special Fire Fighting Procedure: None
Unusual Fire or Explosion Hazard: None
Flammable Limits: None
Auto Ignition Temperature: None
Conditions of Flammability: None

Explosion Data;

Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None

05. REACTIVITY DATA

Stability: Product is stable
Incompatibility: Incompatible with chlorine compounds
Hazardous Decomposition: None
Hazardous Polymerization: None

06. TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY INFORMATION:

Properties of the Concentrated Product:

| | |
|--|---|
| Skin Contact | No problems reported |
| Skin Absorption | Unlikely |
| Eye Contact | May cause irritation or redness |
| Inhalation Acute | Unlikely |
| Inhalation Chronic | Unlikely |
| Ingestion | Unlikely |
| Irritancy | May cause local irritation but is not classified as an irritant |
| Effects of Acute Exposure | Repeated contact may dry the skin |
| Effects of Chronic Exposure | No Data |
| Carcinogenicity | None reported |
| Reproductive Toxicity | None reported |
| Teratogenicity | None reported |
| Mutagenicity | None reported |
| Name of Toxicological Synergistic Product: | None |

07. PREVENTIVE MEASURES

| | |
|---|--|
| Respiratory Protection: | Not normally required |
| Ventilation: | Use with normal ventilation |
| Protective Gloves: | Not normally required |
| Eye Protection: | Protect eyes from contact or splashes |
| Footwear requirements | None required |
| <i>Disposal Procedures for spills or leaks:</i> | Collect spills for re-use where possible. Contaminated product should be labeled and stored for disposal |
| Waste Disposal Method: | Dispose of according to local regulations |
| Other Precautions: | Do not mix with other chemicals |
| Storage Requirements: | Store in a sealed container |

08. FIRST AID PROCEDURES

If swallowed give plenty of clean water to drink. Do not induce vomiting. Obtain medical advice. In case of contact with eyes, flush with clean warm water for fifteen minutes. If irritation persists get medical attention and make this MSDS available.

09. PREPARATION DATA

Prepared by Technical Advisory Service. Phone 1-604-820-8665. The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. VIP Soap Products Ltd. provides no Warranties for the accuracy or completeness of the data contained herein.

PSLtd