

MATERIAL SAFETY DATA SHEET

## 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name: CITRABOOST**

**Uses:** Carpet cleaning detergent booster for traffic lane cleaning.

### MANUFACTURER'S INFORMATION

**Carpet Cleaners Warehouse**

Address: Unit 1/3 Sutherland Street, Granville NSW 2142

Telephone: 1800 68 68 69

8am to 5pm Monday to Friday

Fax Number: (02) 8868 0099

Contact Mr. Toby Bredhauer

ACN: 94086503317

Poisons Information Centre Telephone: 13 1126

## 2. HAZARDS IDENTIFICATION

**Hazardous according to criteria of NOHSC/ASCC**

**Risk Classification:** Xn; Harmful

### Risk Phrases

R65 Harmful – may cause lung damage if swallowed.

R38 Irritating to skin.

R43 May cause sensitization by skin contact.

### Safety Phrases

S2 Keep out of reach of children.

S23 Do not breathe gas/fumes/vapours/spray

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S62 If swallowed do not induce vomiting: seek medical advice immediately and show this container or label.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Aliphatic Hydrocarbon	< 50	64742-48-9
Terpenes Hydrocarbon	< 50	5989-27-5
Non-ionic Surfactant	< 5	Non Hazardous
Antioxidant	< 1	Non Hazardous

## 4. FIRST AID MEASURES

**Swallowed:** Drink 1 or 2 glasses of water. Do Not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Eye Exposure:** Immediately flush eyes with plenty of water holding eyelids open. If eye irritation persists, seek medical advice.

**Skin Exposure:** Remove all contaminated clothing. Wash affected area with plenty of water. If skin irritation persists seek medical advice.

**Inhalation:** Remove victim from exposure to fresh air – avoid becoming a casualty. Keep patient at rest. If required apply artificial respiration. Seek prompt medical attention.

### **Advice to Doctor**

Treat symptomatically based on individual reactions of patient and judgement of doctor.

## 5. FIRE FIGHTING MEASURES

**Hazchem Code:** 3[Y]

### **Special protective precautions and equipment for fire fighters**

Fire fighters should wear full protective equipment including self-contained breathing apparatus. Use water spray to cool fire exposed surface and to protect personnel. If leak or spill has not ignited, use water spray to disperse the vapours and protect persons attempting to stop leak. Use foam or dry chemical to extinguish fire. Avoid spraying water directly into storage containers due to the dangers of boilover.

### **Hazards from Combustion Products**

Flammable liquid. Liquid can release vapours that can readily form flammable mixtures at temperatures above the flash point. Product can accumulate static charges which can cause an incendiary discharge.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions:**

Use personal protective equipment.

Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

### **Environmental precautions:**

CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

### **Methods & Materials for Containment & Clean Up:**

Contain spills immediately with inert absorbent materials (e.g. sand, earth).

Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

## 7. HANDLING & STORAGE

### Handling:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapours, mist or fumes. Keep away from sources of ignition and sources of heat.

### Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit(s):** There is no exposure data for this product. The Exposure Standards for:

Odourless Mineral Spirits CAS Number 64742-48-9

TWA: 171ppm (1200mg/ m<sup>3</sup>)

### Exposure controls:

**Eye protection:** Wear safety glasses with side-shields.

**Hand protection:** Wear suitable gloves..

**Respiratory protection:** If using in confined space or poorly ventilated area, use appropriate respiratory protection equipment.

**Engineering measures:** Use only in a well ventilated area. If handling large amounts a system of local and/or general exhaust is recommended.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Pale Yellow
<b>Odour:</b>	Orange/Citrus
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	< 0°C
<b>Flash point:</b>	48°C
<b>Lower explosion limit:</b>	Not determined
<b>Upper explosion limit:</b>	Not determined
<b>Vapour pressure:</b>	Not established
<b>Relative vapour density:</b>	Not established
<b>Water solubility:</b>	Not soluble forms an emulsion
<b>Relative density:</b>	0.95
<b>Viscosity, dynamic:</b>	Not applicable
<b>Evaporation rate:</b>	Not established
<b>Percent volatility:</b>	Not established

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY & REACTIVITY

<b>Hazardous Reactions:</b>	Product is stable under normal conditions of use, storage and temperature.
<b>Materials to avoid:</b>	Oxidizing agents, halogens and strong acids.
<b>Polymerization:</b>	Product will not undergo dangerous polymerization.

## 11. TOXICOLOGICAL INFORMATION

No data are available for this material.

### **Toxicity Data**

This product is classified as harmful if swallowed. May be harmful by inhalation.

### **Health Effects – Acute**

#### **Swallowed**

Harmful if swallowed. Ingestion may cause irritation of mucous membranes in mouth, pharynx, oesophagus and gastro-intestinal tracts. Symptoms include nausea, headache, vomiting, ataxia (impaired locomotor co-ordination), acidosis, drowsiness, Agitation, insomnia, changes in the blood picture, pulmonary oedema and damage to the liver and kidneys.

#### **Eye**

Causes eye irritation.

#### **Skin**

Irritating to skin. Symptoms can include redness, itching and dermatitis. May cause sensitisation by skin contact.

#### **Inhaled**

Inhalation causes irritation to the mucus membranes, coughing and dyspnoea. Chronic exposure causes damage to blood cells and blood in urine. Vapour concentration above exposure limits (TWA) may cause headaches, drowsiness and dizziness, could be anaesthetic and may have other central nervous system effects.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** No information available for this product.

**Mobility:** No information available on this product.

### **Additional information**

**Environmental fate (exposure):** Avoid contaminating waterways, drains and sewers.

**Bioaccumulative potential:** No information available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Disposal:** Dispose of in accordance with local, state and federal regulations.

## 14. TRANSPORT INFORMATION

**UN Number:** 1268

**UN Proper Shipping Name:** PETROLEUM PRODUCTS N.O.S.

**Class & Subsidiary Risk:** DG Class 3

**Packing Group:** III

**Special Precautions for User:** Avoid storage or contact with strong oxidising agents.

**Hazchem Code:** 3[Y]

## 15. REGULATORY INFORMATION

Classified as hazardous according to criteria of Australian National Health & Safety Commission (NOHSC).

### **Hazard Classification**

Harmful, Irritant and Dangerous to the environment.

### **Label**

Classification and labelling have been performed according to regulations.

**Poison Schedule** 6

**EPG** 3A1 - PETROLEUM PRODUCTS N.O.S.

**Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR).** All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

## 16. OTHER INFORMATION

Date of Preparation: 3-3-2008

Key to Abbreviations & Acronyms Used in MSDS:

<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
LC50	LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.
LD50	LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
NOHSC	National Occupational Health and Safety Commission.
PEL	Permissible Exposure Limit.
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations (Number)
deg C (°C)	Degrees Celsius
g	Gram
g/cm <sup>3</sup>	Grams per cubic centimetre
g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m <sup>3</sup>	Kilograms per cubic metre
ltr	Litre
m <sup>3</sup>	Cubic metre
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m <sup>3</sup>	Milligrams per cubic metre
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	weight

Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

***Uncontrolled document. Please ensure you have the current copy.***

Version	2.0
Revision date:	3.3.2008
Print date:	3.3.2008