

# Material Safety Data Sheet

Page 1 of 3

Issue date: May 2007

Not classified as Hazardous according to criteria of Worksafe Australia

## ENHANCE -- CONCENTRATE

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Brisbane Total Cleaning Supplies**

**ABN 30 239 269 224**

**Unit 9, 29 Moreton Bay Road**

**CAPALABA QLD 4157**

**Phone: +61 7 3823 1822**

**Fax: +61 7 3823 1949**

**Email: sales@btcs.com.au**

**Product Name:**

**ENHANCE -- CONCENTRATE**

**Synonyms:**

ROOM DEODORANT

**Manufacturer's Product Code(s):**

ENCONC

**Use:**

SPIRIT BASED ROOM DEODORANT/REODORANT CONCENTRATE.

**UN Number:**

1170

**Proper Shipping Name:**

ETHANOL (ETHYL ALCOHOL)

**Dangerous Goods Class:**

3

**Subsidiary risk:**

None allocated

**Packing Group:**

II

**Hazchem Code:**

2[Y] E

**Poison Schedule:**

None allocated

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
ETHANOL	Greater than 60%	64-17-5
Other non-hazardous ingredients including water	Balance	

### 3. HAZARD IDENTIFICATION

**Not classified as hazardous according to the criteria of Worksafe Australia**

**Hazard Category: None allocated**

#### ACUTE HEALTH EFFECTS

**Swallowed:** May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.

**Eye:** May cause irritation to the eyes, with effects including tearing, pain, stinging and blurred vision.

**Skin:** May cause irritation to the skin, with effects including Redness and itchiness.

**Inhaled:** May cause irritation to the nose, throat and respiratory system with effects including Dizziness, headache and possible confusion.

**Chronic:** Prolonged or repeated skin contact may lead to dermatitis.

### 4. FIRST AID MEASURES

**Swallowed:** If swallowed, DO NOT induce vomiting. Seek urgent medical assistance.

**Eye:** If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open. Immediately transport to hospital or doctor.

**Skin:** If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

**Inhaled:** Remove victim to fresh air. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.

Transport to hospital or doctor immediately.

**First Aid Facilities:** Eye wash fountain, safety shower and normal washroom facilities.

**Advice to Doctor:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Fire/Explosion Hazard

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide or foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.

#### FLAMMABILITY:

Highly flammable liquid. Avoid all sources of ignition, heat and naked flames. Vapours may travel a considerable distance to source of ignition and ignite.

# Material Safety Data Sheet

Page 2 of 3

Issue date: May 2007

Not classified as Hazardous according to criteria of Worksafe Australia

## ENHANCE -- CONCENTRATE

### 6. ACCIDENTAL RELEASE MEASURES

**EMERGENCY ACTION:** Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas.

**SPILL OR LEAK PROCEDURE:** Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

**SMALL SPILLS:** Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labeled drum(s) for later disposal.

**LARGE SPILLS:** Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

### 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks. A supplied air respirator or a Self-Contained Breathing Apparatus (SCBA) for emergencies should be available and checked regularly. For further information please refer to the Engineering Controls of this MSDS.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Standards:

No exposure standards are available for this product; however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

#### *ETHANOL*

(Worksafe Australia) [TWA] 1,000 ppm 1,880 mg/m<sup>3</sup>      **References:** H  
(ACGIH) [TWA] 1,000 ppm 1,880 mg/m<sup>3</sup>

**Carcinogen Category:** A4

**Engineering Controls:** Highly flammable liquid. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes, which may require local exhaust ventilation systems.

#### Personal Protection Equipment:

**CLOTHING:** PVC or rubber apron.

**GLOVES:** PVC or rubber.

**EYES:** Chemical goggles or face shield to protect eyes.

**RESPIRATORY PROTECTION:** Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration, an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear free flowing liquid various colours and perfumes with strong alcohol odour
<b>Boiling Point Melting Point:</b>	79.0oC
<b>Vapour Pressure:</b>	58.1 mbar: 20oC
<b>Specific Gravity:</b>	0.8
<b>Flash Point:</b>	13oC
<b>Flammability Limits:</b>	In air, Lower 3.5% Upper 19% by volume 20oC
<b>Solubility in Water:</b>	Complete

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of use.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Emits oxides of carbon when heated to decomposition.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITIES:** Reacts with oxidizing agents/acid/alkalis/amines/alcohols.

**CONDITIONS TO AVOID:** Heat, flames, ignition sources and incompatibles.

# Material Safety Data Sheet

Page 3 of 3

Issue date: May 2007

Not classified as Hazardous according to criteria of Worksafe Australia

## ENHANCE -- CONCENTRATE

### 11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product.

### 12. ECOLOGICAL INFORMATION

This substance may cause long-term adverse effects in the environment

### 13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

### 14. TRANSPORT INFORMATION

**UN Number:** 1170  
**Proper Shipping Name:** ETHANOL (ETHYL ALCOHOL)  
**Dangerous Goods Class:** 3.1  
**Subsidiary risk:** None allocated  
**Packing Group:** II  
**Hazchem Code:** 2[Y] E

Classified as a **CLASS 3 (FLAMMABLE LIQUID)** Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following:

- Class 1
- Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3
- Class 4.2
- Class 5
- Class 6, if the Class 3 dangerous goods are nitro methane
- Class 7

**Emergency information (Transport):**

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76: 1997)

For LIQUIDS - Highly flammable, guide no: 14

### 15. REGULATORY INFORMATION

None allocated

**RISK PHRASES**

R11 Highly flammable

**SAFETY PHRASES**

S2 Keep out of reach of children.

S7 Keep container tightly closed.

S16 Keep away from sources of ignition - No smoking.

### 16. OTHER INFORMATION

**Contact Point**

Sales Department +61 7 3823 1822

Fax +61 7 3823 1949

Mobile 0428 835 955

**Disclaimer**

All information given by **BRISBANE TOTAL CLEANING SUPPLIES** is offered in good faith and is believed, to the best of our knowledge, to be accurate. However, this information is given without warranty, representation, inducement or license and **BRISBANE TOTAL CLEANING SUPPLIES** does not assume legal responsibility for reliance for the same. Every person dealing with the materials referred to herein does so at his or her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

**In case of poisoning, contact Poisons Information Centre**

**In Australia call Tel: 131126**

**In New Zealand Tel: 034747000**