

## TECHNICAL DATA

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THIS CHEMICAL IS  
FORMULATED FOR  
INDUSTRIAL USE ONLY

#### WARNING

Contact with skin or clothing or other improper handling or use of this product may result in bodily harm or other damage. Before using or mixing the contents with other substances, all labels applied to container, the applicable Technical Data Sheet and Material Safety Data Sheet should be read and specific instructions and precautions followed to assure correct use and personal safety.

# AUSTRACLENE

**PRODUCT:** TRICHLOROETHYLENE CHC1:CC1,2

**DESCRIPTION:** Trichloroethylene is a mobile, colourless, non flammable liquid. It is miscible in all proportions with most of the organic solvents. It is immiscible with, and heavier than water. Its vapour is heavier than air and will accumulate at lower levels if ventilation is inadequate.

**GRADE:** AUSTRACLENE is neutrally stabilised trichloroethylene which conforms to the requirements of Australian Standard K106-1966, British Standard BS 580(1)1963 and US Military Specification MIL-T-2762A.

This solvent is recommended for all metal cleaning applications but not for continual use with aluminium or zinc.

#### **PHYSICAL PROPERTIES:**

|  |              |
|--|--------------|
| Molecular Weight   | 131.4        |
| Boiling Point  | 87 degrees   |
| Celcius  |              |
| Freezing Point   | - 87 degrees |
| Celcius  |              |
| Density (kg/l@27°C)  | 1.447-1.458  |
| Latent heat of vaporisation at boiling point                   | 57.25cal/g   |
| Flash Point  | None         |
| Solubility of water in trichlor at 25 deg C                    | 0.27% w/w    |
| Vapour pressure at 20 deg C                                    | 59mm Hg      |
| Solubility of trichlor in water at 25 deg C                    | 11% w/w      |
| Alkalinity (asNa <sub>2</sub> CO <sub>3</sub> ) by weight max% | 0.0025%      |

#### **MAJOR USES:**

Metal Cleaning  
Metal Drying  
Textile Applications  
Oil and Fat Refaction  
Low Temp Heat Trans Medium

**PACKAGES:** Packed 280 kg non returnable mild steel drums. Bulk delivery by request.

**STORAGE:** Trichloroethylene may be stored in enclosed mild steel containers. It should be stored in a cool place and vents from stock should pass to outside atmosphere.

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### **HANDLING:**

Trichloroethylene may be handled with complete safety provided rules are observed. In general, the following precautions should be observed when dealing with trichloroethylene.

- \* Provide good ventilation. Avoid handling in a confined space.
- \* Do not lean over vessels containing trichloroethylene liquid or vapour.
- \* Do not enter any pit or container if there is a smell of solvent unless wearing an approved breathing apparatus and a second man is in attendance.
- \* Do not smoke.

### **SPILLAGES:**

Spillages should be absorbed with rags, sawdust, dry sand or earth and removed in covered containers to a suitable waste disposal company.