

# SAFETY DATA SHEET

## NON-FLAMMABLE CONTACT CLEANER

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

**PRODUCT NAME:** NON-FLAMMABLE CONTACT CLEANER

**PART No.:** ECCL200

**SUPPLIER:** H K WENTWORTH PTY LIMITED  
P.O. BOX 339  
BROOKVALE, NSW 2100  
AUSTRALIA  
Tel: 02 9938 1566  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: DECAFLUOROPENTANE 138495-42-8	420-640-8	- R-52/53	60-100 %
METHANOL 67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	1-5 %
1,1,DIFLUOROETHANE R152A 75-37-6	200-866-1	Fx R-12	1-5 %

The Full Text for all R-Phrases are Displayed in Section 16

### 3. HAZARDS IDENTIFICATION:

Harmful by inhalation, in contact with skin and if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

### 4. FIRST AID MEASURES:

**INHALATION:** Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air.

**INGESTION:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Get medical attention immediately! Provide rest, warmth and fresh air.

**SKIN:** Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**EYES:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### 5. FIRE FIGHTING MEASURES:

<b>EXTINGUISHING MEDIA:</b>	Use extinguishing media appropriate for surrounding fire.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Use water to keep fire exposed containers cool and disperse vapours. Containers close to fire should be removed or cooled with water.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Aerosol cans may explode in fires.

## 6. ACCIDENTAL RELEASE MEASURES:

<b>SPILL CLEANUP METHODS:</b>	Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.
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## 7. HANDLING AND STORAGE:

<b>USAGE PRECAUTIONS:</b>	Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
<b>STORAGE PRECAUTIONS:</b>	Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)

### PROTECTIVE EQUIPMENT:



<b>VENTILATION:</b>	Provide adequate general and local exhaust ventilation.
<b>RESPIRATORS:</b>	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
<b>PROTECTIVE GLOVES:</b>	Use protective gloves.
<b>EYE PROTECTION:</b>	Wear approved safety goggles.
<b>OTHER PROTECTION:</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>HYGIENIC WORK PRACTICES:</b>	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE:</b>	Liquid.		
<b>COLOUR:</b>	Colourless.		
<b>ODOUR/TASTE:</b>	No characteristic odour.		
<b>BOILING POINT (°C, interval):</b>	>55	<b>Pressure:</b>	
<b>MELT./FREEZ. POINT (°C, interval):</b>	-80		
<b>DENSITY/SPECIFIC GRAVITY</b>	1.37 - 1.40	<b>Temperature (°C):</b>	20

(g/ml):

**VAPOUR PRESSURE:** 30 kPa **Temperature (°C):** 20

**SOLUBILITY DESCRIPTION:** Immiscible with water.

## 10. STABILITY AND REACTIVITY:

**STABILITY:** Normally stable.

**CONDITIONS TO AVOID:** Avoid contact with acids and oxidising substances.

**HAZARDOUS DECOMP. PRODUCTS:** Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION:

**INHALATION:** Harmful by inhalation. May cause irritation to the respiratory system.

**INGESTION:** Harmful if swallowed.

**SKIN:** Harmful in contact with skin. Irritating to skin. Harmful in contact with skin.

**EYES:** Irritating to eyes.

**TARGET ORGANS:** Skin. Eyes. Respiratory system, lungs.

## 12. ECOLOGICAL INFORMATION:

**ECOLOGICAL INFORMATION:** No negative effects on the aquatic environment are known.

## 13. DISPOSAL CONSIDERATIONS:

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

## 14. TRANSPORT INFORMATION:

**LABEL FOR CONVEYANCE:**



**UN No. ROAD:** 1950

**UK ROAD TRANSPORT CLASS:** 2.2

**UK ROAD PACK GR.:** Not Applicable

**ADR CLASS No.:** 2.2

**ADR CLASS:** Division 2.2: Nonflammable, nontoxic gases.

**ADR ITEM No.:** Not Applicable

**ADR MARGINAL:** 2201

<b>ADR LABEL No.:</b>	2.2
<b>CEFIC TEC(R) No.:</b>	20G5A,20G5O
<b>PROPER SHIPPING NAME I:</b>	AEROSOLS
<b>ROAD TRANSPORT NOTES:</b>	Not Classified
<b>RID CLASS No.:</b>	2.2
<b>RID ITEM No.:</b>	Not Applicable
<b>RAIL TRANSPORT NOTES:</b>	Not Classified.
<b>UN No. SEA:</b>	1950
<b>IMDG CLASS:</b>	2.2
<b>IMDG PACK GR.:</b>	Not Applicable
<b>EmS No.:</b>	F-D; S-U
<b>MFAG TABLE No.:</b>	See Guide
<b>MARINE POLLUTANT:</b>	No.
<b>SEA TRANSPORT NOTES:</b>	Not Classified.
<b>UN No., AIR:</b>	1950
<b>ICAO CLASS:</b>	2.2
<b>AIR PACK GR.:</b>	Not Applicable
<b>AIR TRANSPORT NOTES:</b>	Not Classified.

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY:



<b>RISK PHRASES:</b>	R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
<b>SAFETY PHRASES:</b>	S-36/37 Wear suitable protective clothing and gloves. SPECIAL PROVISIONS ON THE LABELLING OF AEROSOL DISPENSERS. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. X % by mass of the content are flammable.
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION:

**USER NOTES:** CN No 38140090

**REVISION COMMENTS:** Revised in accordance with CHIP3 and EU Directive 1999/45/EC

**ISSUED BY:** Helen O'Reilly

**REVISION DATE:** MAY 2003

**REV. No./REPL. SDS GENERATED:** 0

**SDS No.:** 10466

**DISCLAIMER:** This 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. The information contained 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 the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification

**R-PHRASES (Full Text):** R-12 Extremely flammable. R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-11 Highly flammable. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.