

SAFETY DATA SHEET

MACHINE CLEANER

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

PRODUCT NAME: MACHINE CLEANER

PART No.: OP9004

SUPPLIER: H K WENTWORTH PTY LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
Tel: 02 9938 1566
Fax: 02 9938 1566

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
DICHLOROMETHANE			60-100 %
75-09-2	200-838-9	Xn R-40 Carc3	
METHANOL			1-5 %
67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	
HYDROCARBON DISTILLATE			5-10 %
64742-82-1	265-185-4	Xn ,N R-10, 51/53, 65	

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. Limited evidence of a carcinogenic effect. 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. Carcinogen Category 3.

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:

EXTINGUISHING MEDIA:	Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Use water to keep fire exposed containers cool and disperse vapours. Containers close to fire should be removed or cooled with water.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:	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:

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
DICHLOROMETHANE	75-09-2	MEL	100 ppm	300 ppm
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)

PROTECTIVE EQUIPMENT:



VENTILATION:	Provide adequate general and local exhaust ventilation.
RESPIRATORS:	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
PROTECTIVE GLOVES:	Use protective gloves.
EYE PROTECTION:	Wear approved safety goggles.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENIC WORK PRACTICES:	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:

APPEARANCE:	Liquid.		
COLOUR:	Colourless.		
ODOUR/TASTE:	Chloroform.		
BOILING POINT (°C, interval):	40	Pressure:	
DENSITY/SPECIFIC GRAVITY (g/ml):	1.200	Temperature (°C):	20
VAPOUR PRESSURE:	133.7 kPa	Temperature (°C):	

SOLUBILITY VALUE (g/100g H₂O
20°C): 2

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: Hydrogen chloride (HCl). Phosgene (COCl₂). Chlorine.

11. TOXICOLOGICAL INFORMATION:

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

INGESTION: Harmful if swallowed.

SKIN: Irritating to skin.

EYES: Irritating to eyes.

OTHER HEALTH EFFECTS: Carcinogen Category 3.

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

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION: Dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS:

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

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:



UN No. ROAD: 2810

UK ROAD TRANSPORT CLASS: 6.1

UK ROAD PACK GR.: III

ADR CLASS No.: 6.1

ADR CLASS: Division 6.1: Toxic substances.

ADR ITEM No.: III

ADR LABEL No.: 6.1

HAZCHEM CODE:	2X
CEFIC TEC(R) No.:	61GT1-III
PROPER SHIPPING NAME I:	TOXIC LIQUID, ORGANIC, N.O.S. (DICHLOROMETHANE, METHANOL)
ROAD TRANSPORT NOTES:	Not Classified
RID CLASS No.:	6.1
RID ITEM No.:	III
RAIL TRANSPORT NOTES:	Not Classified.
UN No. SEA:	2810
IMDG CLASS:	6.1
IMDG PACK GR.:	III
EmS No.:	F-A; S-A
MFAG TABLE No.:	See Guide
MARINE POLLUTANT:	No.
SEA TRANSPORT NOTES:	Not Classified.
UN No., AIR:	2810
ICAO CLASS:	6.1
AIR PACK GR.:	III
AIR TRANSPORT NOTES:	Not Classified.

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES:	R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R-40 Limited evidence of a carcinogenic effect. 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.
SAFETY PHRASES:	P-16 Can become highly flammable in use. S-36/37 Wear suitable protective clothing and gloves.
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES:	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.: 10239

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-40 Limited evidence of a carcinogenic effect. 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. R-10 Flammable. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed.