


MATERIAL SAFETY DATA SHEET
NUVO AUSTRALIA PTY LTD

(ACN 089 731 617)

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EMERGENCY No. 0419 341 095 any time
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PRODUCT: CHLOROWAX 70

PRODUCT NAMES: Chlorowax 70

OTHER NAMES:
UN NUMBER: Not applicable

HAZCHEM CODE: Not applicable

PACKAGING GROUP: Not applicable

USES:

Plasticiser in food packaging, pharmaceutical fields, solvent.

DANGEROUS GOODS:
CLASS & SUB RISK: Not applicable

POISONS SCHEDULE: Not applicable

STATEMENT OF HAZARDOUS NATURE:

Not classified as hazardous according to criteria of Worksafe Australia

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR	:	Light amber, very viscous liquid with slight odour.
MELTING POINT	:	Pour point: 16°C
BOILING POINT	:	NA
SPECIFIC GRAVITY	:	1.46 AT 25°C (H ₂ O=1)
FLASH POINT	:	None Under 204°C
VAPOUR DENSITY	:	NA
VISCOSITY	:	200 SUS at 99°C
WATER SOLUBILITY	:	Negligible
AUTOIGNITION TEMP.	:	Not established

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
Chlorinated paraffin	61788-76-9	

1. HEALTH HAZARD INFORMATION
Health Effects:
Swallowed

Not expected to produce toxic effects when ingested.

Eyes

May produce mild transient irritation.

Skin

May produce mild irritation which is readily reversible. Not known to be a sensitiser. Not readily absorbed through skin.

Inhaled

Under normal conditions, this product is non-toxic: however, under significant decomposition conditions, mild to moderate irritation of the upper respiratory tract can occur due to evolution of hydrogen chloride gas.

2. FIRST AID
Swallowed

Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water (if available give milk). If vomiting occurs spontaneously, keep airway clear and give more water. Get medical attention.

MATERIAL SAFETY DATA SHEET**PRODUCT: CHLOROWAX 70****Eyes**

Immediately flush eyes with a directed stream of water for at least 15 minutes. Get medical attention.

Skin

Wash contaminated areas with soap and water, remove contaminated clothing. Do not use solvents for cleaning. If irritation occurs, seek medical attention.

Inhaled

Under fire conditions, remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. Get medical attention.

Toxicity Data:

Chlorinated paraffins are a class of compounds that are similarly manufactured, but vary in molecular structure by carbon chain length and degree of chlorination. The American National Toxicology Program (NTP) has reported that in recent studies a C12, 60% chlorinated paraffin in combination with corn oil caused tumours when force-fed in very high doses to rats and mice over long periods of time. The NTP also reported that a C23, 43% chlorinated paraffin under the same conditions caused an increase in tumours only in male mice. When very high levels of C15, 52% chlorinated paraffin were fed to pregnant rats, their offspring died during weaning. This test represents an extreme condition which is unlikely to be encountered by humans with the proper handling and use of this type of product.

3. PRECAUTIONS FOR USE**Exposure standards**

Not established.

Engineering controls

No special ventilation required under normal use. Use local exhaust ventilation where the product is heated; or mist, spray, dust or vapour may be generated.

Personal protection

Protective goggles

Protective gloves

Standard protective clothing and shoes.

Flammability

This product is non-flammable and non-explosive under normal conditions of use. Over-pressurisation of containers will also occur if exposed to excessive heat. This product flows feely when hot and should, therefore, be treated as an oil when exposed in a fire.

Hazardous Decomposition Products

Under fire conditions this product will decompose to give off hydrogen chloride gas and traces of fragmented short-train hydrocarbons. Under these conditions, sufficient hydrogen chloride is given off to necessitate the use of self-contained breathing apparatus. Held at 175°C for 4 hours, this product will give off a maximum of 0.5 weight percent hydrogen chloride.

4. SAFE HANDLING INFORMATION**Storage conditions**

Storage temperatures for this product should not exceed 66°C to prevent deterioration with subsequent discolouration and possible decomposition with liberation of hydrogen chloride gas.

Spills & disposal

If material is spilled or released to the atmosphere, steps should be taken to contain liquids and prevent discharges to streams or sewer systems; and control or stop loss of volatile materials to the atmosphere. Spills or releases should be reported, if required to the appropriate regulatory authorities.

Clean up action should be carefully planned and executed. Shipment, storage, and/or disposal of waste materials are regulated and action to handle spilled or released materials must meet the applicable regulations. Place waste in labelled containers for disposal in accordance with local regulations.

MATERIAL SAFETY DATA SHEET**PRODUCT: CHLOROWAX 70****Fire/Explosion Hazard**

Fires involving this product are unlikely, but should one occur, it may be controlled by CO₂, dry chemical, foam or water fog. Self-contained breathing apparatus should be worn. This product at high temperatures releases hydrogen chloride gas. Storage containers exposed to fire should be kept cool with water spray in order to prevent pressure build-up.

CONTACT POINT: Emergency response No. 0419 341 095 (all hours)

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.