

 **MATERIAL SAFETY DATA SHEET****NUVO AUSTRALIA PTY LTD**

(ACN 089 731 617)

324/ 23 MILTON PARADE**MALVERN VIC 3144 AUSTRALIA****PHONE: (03) 9822 2209****FAX: (03) 9822 2109****EMERGENCY No. 0419 341 095 any time****http://www.nuvo.com.au****PRODUCT: LUWAX AF 31****PRODUCT NAMES:** LUWAX AF 31**OTHER NAMES:** Wax AF 31 BASF, BASF AF 31 Wax, Polyethylene Wax**UN NUMBER:** Not applicable**DANGEROUS GOODS:****HAZCHEM CODE:** Not applicable**CLASS & SUB RISK:** Not applicable**PACKAGING GROUP:** Not applicable**POISONS SCHEDULE:** Not applicable**USES:** Polyethylene wax for printing inks.**STATEMENT OF HAZARDOUS NATURE:**

Not classified as hazardous according to criteria of Worksafe Australia

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR	:	white powder
MELTING POINT (°C)	:	102-107°C
FLASH POINT(°C)	:	>100°C (DIN 51758)
FLAMMABILITY LIMITS	:	dust explosion hazard
BULK DENSITY	:	ca. 250 kg/m ³
MOLECULAR WEIGHT	:	ca. 3000
SOLUBILITY IN WATER	:	Insoluble
SPECIFIC GRAVITY	:	0.94-0.95 (20°C)
AUTOIGNITION TEMP.	:	>200°C (DIN 51794)
OTHER PROPERTIES		
Solidification Temperature	:	105-112°C
Dropping Point	:	103-110°C
Viscosity	:	170-200 mm ² /s (120°C)

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
Polyethylene wax	Proprietary	100%

1. HEALTH HAZARD INFORMATION**Health Effects:****Acute:****Swallowed**

Non-harmful if swallowed.

Eyes

May cause slight eye irritation.

Skin

Is not expected to cause skin irritation. Non-harmful in contact with skin.

Inhaled

May result in slight respiratory irritation.

Chronic:

Effects are not known.

2. FIRST AID**Swallowed**

Rinse mouth and then drink plenty of water.

MATERIAL SAFETY DATA SHEET**PRODUCT: LUWAX AF 31****Eyes**

Flush with water for at least 15 minutes. If irritation persists call a doctor.

Skin

Areas affected by molten material should be quickly placed under cold running water. Solidified material should not be pulled from skin. Burns caused by molten material require medical treatment.

Inhaled

If difficulties occur after dust has been inhaled, move victim to fresh air then seek medical attention.

Advice to doctor

Treat according to symptoms (decontamination, vital functions).

No known specific antidote.

Toxicity Data:

Toxicity data for products of similar composition:

Acute oral toxicity: LD50 >2000 mg/kg (rat)

Acute skin irritation: non-irritant (rabbit)

Acute eye irritation: non-irritant (rabbit)

3. PRECAUTIONS FOR USE**Exposure standards**

An exposure standard has not been established for this product. The following is recommended for nuisance dusts: TWA 10 mg/m³

Engineering controls

Ensure workplace is well ventilated. Breathing must be protected when decanting large quantities of product without local exhaust ventilation.

Personal protection

Protective goggles

Protective gloves

Dust mask if dust exposure is likely or expected.

Protective overalls

Environment

The product is insoluble in water and thus can be separated from water mechanically in suitable effluent treatment plants. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. This product does not contain organically bound halogens.

Personal protection comments

Employ good hygiene practices when using. Wash hands thoroughly after handling.

A safety shower and eyewash fountain should be available in all work areas.

Flammability

Not flammable under normal conditions of use.

4. SAFE HANDLING INFORMATION**Storage conditions**

Not classified as a dangerous good for storage or transport. Avoid dust formation. Take precautionary measures against static discharges. Sources of ignition should be kept clear.

Keep tightly closed in a dry and cool place.

Not subject to hazardous substances labelling.

MATERIAL SAFETY DATA SHEET**PRODUCT: LUWAX AF 31****Spills & disposal**

Contain and sweep/shovel up spills or use an industrial vacuum cleaner. Do not let product enter drains. Clean up personnel should wear protective overalls with gloves, goggles and approved dust mask. Place waste in labelled containers for disposal. Must be disposed to approved landfill or incinerated in accordance with local regulations. Uncontaminated packs can be reused or recycled. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

Fire/Explosion Hazard

In case of fire use water spray, dry extinguishing media or foam. Do not use CO₂. The following can be given off in a fire: gases/vapours. The degree of risk is governed by the burning substance and the fire conditions. Dust explosion hazard. In case of fire, wear self-contaminated breathing apparatus. Reactivity Data: no decomposition if correctly stored and handled.

Reference:

BASF Material Safety Data Sheet BATK3 (July 1997)

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.