

**SAFETY DATA SHEET**

Lano-Form

**SAFETY DATA SHEET SUMMARY INFORMATION**

For further information: Please refer to the Safety Data Sheet following

Issue: September 16

<b>PRODUCT:</b>	Lano-Form	<b>UN No.:</b> N/R <b>Dangerous Goods Class:</b> N/R <b>Subsidiary Risk:</b> None <b>Packing Group:</b> N/R <b>Hazchem Code:</b> N/R <b>Poisons Schedule:</b> None
<b>Other Names:</b>	None	
<b>Uses:</b>	Industrial form release agent, ready to use	
<b>Pack Sizes:</b>	3L, 20L, 200L, 1000L	

<b>Hazardous Class:</b>	This product is classified as not hazardous in accordance with the Australian GHS guidelines.
<b>Hazardous Category:</b>	Not hazardous: intentionally left blank.
<b>Exposure Standards:</b>	TWA: None specified; consider 5 g/m <sup>3</sup> ; STEL: None specified; consider 5 g/m <sup>3</sup> ; Peak Limitation (if any): None; Skin Sensitiser (if any): None. Refer to Section 8 for further information and definitions.

**Physical Characteristics (Typical) Section 9 of the SDS**

Appearance	White, milky, mobile solution
Boiling Point/Range (°C):	> 100
Flash Point (°C):	> 150
Relative Density (g/100g @ 20°C):	0.99
Demulsibility (mins):	> 30
Reactivity:	Extreme heat, strong oxidisers, strong acids and bases.

**Product Ingredients Section 3 of the SDS**

Ingredient	CAS Number	Proportion w/w%
Water	7732-18-5	> 80
Dearomatised Hydrocarbon	64742-48-9	< 10
Lanolin grease	8006-54-0	< 10
surfactants	various	< 5
Preservative	various	< 0.15

For further ingredients information, please refer to the full SDS

**GHS Pictograms Section 2 of the SDS**

**DEFINITIONS**

<b>Dangerous Goods</b>	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
<b>Hazardous Substances</b>	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
<b>Poisons</b>	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

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## 1. IDENTIFICATION

**Product Name:** Lano-Form  
**Other Names:** None  
**Chemical Family:** Naturally-derived release agent  
**Recommended Use:** Industrial form release agent, ready to use  
**Supplier:** Lanotec Australia Pty Ltd  
**ABN:** 87 096 795 621  
**Address:** 9 Achievement Crescent, Acacia Ridge QLD 4107  
**Telephone:** +61 7 3373 3700  
**Fax:** +61 7 3373 3777  
**Emergency Phone:** 0400 712 081  
**All other inquiries:** +61 7 3373 3700

## 2. HAZARDS IDENTIFICATION

**Hazard Class**

This product is classified as not hazardous in accordance with the Australian GHS guidelines.

**Hazardous Categories**

Not hazardous: intentionally left blank

**GHS Pictograms**

Not hazardous: intentionally left blank

**Hazardous Statements**

Not hazardous: intentionally left blank

**Precautionary Statements**

Not hazardous: intentionally left blank

**Dangerous Goods Classification N/R**

**Poisons Schedule None**

**Signal Word**

## 3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	Proportion (% w/w)
Water	7732-18-5	> 80
Dearomatised Hydrocarbon	64742-48-9	< 10
Lanolin grease	8006-54-0	< 10
surfactants	various	< 5
Preservative	various	< 0.15

## 4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

**Ingestion**

If swallowed, do NOT induce vomiting.

**Eye Contact**

If in eyes wash out immediately with water.

**Skin Contact**

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water

**Inhalation**

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**First Aid Facilities**

None specified, consider ventilation and respiratory aid.

**Medical Attention**

Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

**Suitable Extinguishing Media**

Alcohol resistant foam, or dry chemical or foam.

**Hazards from combustion products**

This product will not burn with attempted ignition.

**Hazardous Decomposition**

Will not burn. If main component has evaporated in extreme heat, the remainder may decompose to carbon dioxide, carbon monoxide and other organic complexes in small amounts.

**Hazardous Polymerisation**

Will not occur.

**Precautions for fire fighters and special protective equipment**

None specified

**Hazchem Code**

N/R

**6. ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures**

This product will not burn. It is unlikely that this product will fuel a fire in progress. For surrounding fire, cool packaging with water spray, or foam. In extreme temperatures, some organic complexes may form in small amounts.

**Methods and materials for containment**

***Major Land Spill***

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity"

***Major Water Spill***

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.

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- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity".

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Store in a well-ventilated area and out of direct sunlight. The product should be shaken well before use and should not be mixed with other chemicals. This product does not require dilution: it is ready for use. It is good industrial hygiene practice to check stored packages for any leaks.

### Conditions for Safe Storage

This product requires no particular storage requirements. For all industrial products, keep out of direct sunlight or away from heat sources. Product is inert and unlikely to interact with other chemicals. Will not burn.

### Incompatible Materials

None identified

## 8. EXPOSURE CONTROLS: PERSONAL PROTECTION

### National Exposure Standards

The time weighted average concentration (TWA) for the liquid component of this product is: Recommended: None specified; consider 5 g/m<sup>3</sup>, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: Recommended: None specified; consider 5 g/m<sup>3</sup>, which is the maximum allowable exposure concentration at any time. The liquid product component of this product is isolated in an aerosol device.

### Biological Limit Values (BLV)

None specified

### Engineering Controls: Ventilation for sprays and aerosols

The use of local exhaust ventilation is recommended to control process emissions near the source for this product when used as an aerosol. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment for any atomised products such as aerosols.

### Personal Protective Equipment

**Respiratory Protection:** Respiratory Protection: Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

**Eye Protection:** Eye Protection: Consider using safety glasses or other eye protection

**Skin/Body Protection:** Skin/Body Protection: Consider wearing long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended to consider wearing protective gloves when handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	White, milky, mobile solution
Boiling Range	°C	> 100
Density	g/ml	0.99
Flash Point	°C	> 150
Explosive Limits	%	Not determined.

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Property	Unit of measurement	Typical Value
<u>Solubility of Product</u>		
in Water	g/l	Miscible
in other solvents	(name)	Water, alcohols
Autoignition Temperature	°C	Not determined.

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable at room temperature and pressure

### Conditions to avoid

None identified

### Hazardous reactions

Extreme heat, strong oxidisers, strong acids and bases.

### Hazardous polymerisation

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

#### **Ingestion**

This product may cause discomfort on swallowing and result in gastric disturbances. Do not induce vomiting, but give water to drink. Treat symptomatically.

#### **Eye Contact**

This product will not be irritating to eyes, nor is there significant vapour. If the product is applied directly to the eyes, it will result in blurred vision and should be treated with first aid. There will be no permanent eye damage.

#### **Skin Contact**

This product will have an emolient effect on the skin (moisturises) and will create a barrier to other chemicals.

#### **Inhalation**

This product may be irritating when working in confined spaces. Avoid inhaling mists of this product and do not concentrate vapours intentionally.

### Chronic Effects

There are no chronic health effects with use of this product. The product is suitable for food contact use and is non-toxic on ingestion.

### Other Health Effects Information

There are no known long term health effects of this product.

### Toxicological Information

Oral LD<sub>50</sub>: No data; consider > 10 g/kg

Inhalation TC<sub>Lo</sub>: No data; consider > 10 g/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity: Liquid Component (isolated)

#### **Aquatic Toxicity:**

Fish Toxicity LC<sub>50</sub>: No data; consider > 10 g/L

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 Daphnia Magna EC<sub>50</sub>: No data; consider > 10 g/L

Blue-green algae: No data; consider &gt; 10 g/L

Green algae: No data; consider &gt; 10 g/L

**Mobility/Biodegradability:** This product is likely to be mobile on release to the environment, but does not bioaccumulate. This product is based on an animal fat and can be considered biodegradable.

### 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

This product should be disposed in accordance with the local authority in waste management. This product is not classified as dangerous goods for transport or hazardous for workplace use.

#### Special Precautions

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment in accordance with the local authority, or considered for use in recycling.

### 14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	N/R	UN No.	N/R	UN No.	N/R
Proper Shipping Name	Form Release Agent	Proper Shipping Name	Form Release Agent	Proper Shipping Name	Form Release Agent
DG Class	N/R	DG Class	N/R	DG Class	N/R
Sub. Risk	None	Sub. Risk	None	Sub. Risk	None
Packing Group	N/R	Packing Group	N/R	Packing Group	N/R
Hazchem	N/R	Hazchem	N/R	Hazchem	N/R

#### Dangerous Goods Segregation

This product is Class N/R, packing group N/R, regulated for Transport via Road and Rail.

### 15. REGULATORY INFORMATION

**Country/Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** None

### 16. OTHER INFORMATION

**Reasons for Issue:** New product formulation. Amalgamated changes in all sections.

#### **Abbreviations:**

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

IARC: International Agency for Research on Cancer

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

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**References:**

- Supplier Safety Data Sheets
- <http://hsis.ascc.gov.au/SearchHS.aspx> (September 16)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (September 16)
- Ecotoxicology data: [http://cfpub.epa.gov/ecotox/quick\\_query.htm](http://cfpub.epa.gov/ecotox/quick_query.htm) (September 16)

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The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Lanotec Australia Pty Ltd.

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