NIGHTINGALE SUPPLY

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MATERIAL SAFETY DATA SHEET

NON-HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION SECTION:

Product Name	:	**Seed Coat**
U.N. Number	:	None allocated
Correct Shipping Name	:	Not applicable
Dangerous Goods Class	:	Not applicable
& Subsidiary Risk	:	
Hazchem Code	:	Not applicable
Poison Schedule	:	Not applicable
E.P.G.	:	Not applicable
Use(s):		

PHYSICAL DESCRIPTION / PROPERTIES

Appearance / Colour / Odour:	Opaque white creamy fluid with mild specific odour.
pH:	3.0 – 5.0
Vapour Pressure (15°C):	Not Available
Vapour Density (air=1):	Not Applicable
Boiling Point (°C):	approx 100°C
Freezing point (°C):	approx 0°C
Solubility in water (g/L):	Miscible
Specific Gravity:	1.06 approx
Flash Point (°C):	Not Applicable
Flammability Limits:	Not Applicable
Autoignition temperature (°C):	Not Applicable
Viscosity:	2,000 – 5,500 cPs
Percent Volatile:	45 – 55

INGREDIENTS

COMPOSITION	CAS#	%
Vinyl Acetate (monomer)	108-05-4	< 0.5
Non-hazardous Ingredients		To 100%

HEALTH HAZARD INFORMATION

ACUTE EFFECTS

Ingestion - Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Inhalation - May be an irritant to mucous membranes and respiratory tract.

Eye contact - May cause eye irritation.

Skin contact - May be a skin irritant.

Chronic Effects - No information available for the product.

Toxicological Data - No LD50 data available for the product

TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet.
Symptoms or effects that may arise if the product is mishandled and overexposure occurs.

However, this product contains small amounts of vinyl acetate monomer. ACGIH evaluated vinyl acetate as an A3 – Animal Carcinogen: the available evidence suggests it is not likely to cause cancer in humans except under unusual exposure. The IARC monograph indicates “there is little evidence in humans for carcinogenicity of vinyl acetate. There is limited evidence in experimental animals for carcinogenicity of vinyl acetate.” This would normally place a substance in IARC category 3. However, because vinyl acetate is metabolised to acetaldehyde, an IARC 2B classification has been assigned.

FIRST AID

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0800 764766)or a doctor.

Inhalation:
Remove patient to fresh air. Allow patient to rest in a comfortable position until recovered. Seek medical advice if symptoms persist.

Skin:
Wash area(s) with soap and water. Remove contaminated clothing. Seek medical attention if skin irritation occurs.

Eye Contact:
Hold eyelids open and immediately flush eyes continuously with running water for 15 minutes. It is advisable to seek medical advice for all eye contaminations.

Ingestion:
Rinse mouth with water. If swallowed do NOT induce vomiting. Give water to drink. Seek medical advice.

Note to physician:
Treat symptomatically.

EXPOSURE LIMITS

Occupational Exposure Limits:
No value is assigned for this specific material by the National Occupational Health & Safety Commission
(NOHSC Australia).
However, for the residual monomer component:

	TWA		STEL	
	ppm	mg/m3	ppm	mg/m3
Vinyl Acetate	10	35	20	70

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace HazardousSubstances [NOHSC: 1005 (1994)]” the ingredients in this material do not have a Biological Limit allocated.

Engineering Control Measures: Use in well ventilated areas. Local exhaust should be adequate.

Personal Protective Equipment: Standard safety apparel of overalls, safety shoes or boots, safety glasses. If there is a risk of repeated skin exposure, wear impervious gloves (PVC coated should be adequate). Wear goggles and organic vapour respirator if at risk of exposure to vapours, fumes or spray mist.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Water spray or fog, carbon dioxide (CO2), Dry Chemical and Foam.

Hazards from Combustion:
Possible formation of oxides of carbon, smoke and other unidentified products.

Precautions for Fire-fighters:
Not combustible. However following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes.

Fire-fighting equipment:
If exposed to fumes or products of combustion it's advisable to wear self contained breathing apparatus.

Hazchem Code:
Not Applicable.

ACCIDENTAL RELEASE MEASURE

Small Spills
Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rags or paper towels). Collect and seal in properly labelled containers or drums for disposal

Large Spills
Wear protective equipment to prevent skin and eye contamination. Slippery when wet. Dam and contain spill with absorbent inert material (sawdust, vermiculite, dry sand or earth). Place into suitable sealed containers and follow state or local authority regulations for disposal of the waste.

HANDLING AND STORAGE

Handling advice: Avoid contact eyes and repeated or prolonged skin contact.

Storage advice: Store in cool well-ventilated place, out of direct sunlight. Store away from incompatible
materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is NOT classified as a dangerous goods nor a scheduled poison.

STABILITY AND REACTIVITY

Chemical stability: Stable when stored and used as directed.

Conditions to avoid: None specific, but advisable to avoid elevated temperatures.

Incompatible materials: Advisable to avoid Oxidising agents.

Hazardous decomposition products: If heated excessively, possible formation of oxides of carbon and other unidentified (possible toxic) products.

Hazardous Reactions: None known.

ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Mobility/Persistence/Biodegradability: No information available for this product

DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority or dispose of material through a licensed waste contractor

TRANSPORT INFORMATION

NOT classified as a Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for transport by Road and Rail, IMDG Code for transport by sea and by IATA Dangerous Code for air transport

REGULATORY INFORMATION

Poisons Schedule: Not Applicable

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

The data in this Material Safety Data Sheet has been compiled from our Suppliers Material Safety Data Sheets. This data relates only to the designated product and not to the use of said product in combination with other materials. Because conditions and circumstances of use of the product are beyond our control and any summary of data such as is represented by this Material Safety Data Sheet is inherently incomplete, Nightingale Supply makes no warranty about the accuracy of the data herein and assume no liability for the use of such data. Responsibility for proper precautions and safe use of the product lies with the user