

1. COMPANY DETAILS



VINATI ORGANICS LIMITED
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2. IDENTIFICATION

Product name:	N-tert-OCTYLACRYLAMIDE
Synonyms:	Not Available
UN/Id No:	No UN Number allocated
Proper shipping name:	No Dangerous goods class allocated
IATA Hazard Label(s):	No Dangerous goods class allocated
Hazard Class:	No Dangerous goods class allocated
Subsidiary risk:	No Subsidiary Risk allocated
Emergency Action Code (Hazchem code):	No Hazchem Code allocated
Recommended use:	Research product for non-human use
Component	Australia (AICS):
N-tert-OCTYLACRYLAMIDE	Present
4223-03-4 (100)	

3. PHYSICAL DESCRIPTION/PROPERTIES

Physical state:	Powder
Formula:	C ₁₁ H ₂₁ NO
Boiling point/range:	Not determined
Melting point/range:	63.5
Density:	Not determined
Vapor pressure:	Not determined
Solubility (in water):	Insoluble
Flash point:	Not determined
Autoignition temperature:	Not determined
Flammable limits in air - lower (%) :	Not determined
Flammable limits in air - upper (%) :	Not determined

Product Name: N-tertiary octyl acrylamide

4. INGREDIENTS

Components	CAS Number	Weight %	EC No.	Classification
N-tert-OCTYLACRYLAMIDE	4223-03-4	100	224-169-7	–

5. HAZARDS IDENTIFICATION

Australia Hazardous Statement: Not classified as hazardous according to criteria of NOHSC

Indication of Danger:

None.

Safety Phrases:

S36 - Wear suitable protective clothing.

Poisons schedule No. (Aust)/Toxic Substance (NZ): No Poisons Schedule Number allocated

6. HEALTH HAZARD INFORMATION

HEALTH EFFECTS

EMERGENCY OVERVIEW:

May cause skin irritation and/or dermatitis

Principle routes of exposure:

Skin

Inhalation:

May cause irritation of respiratory tract

Ingestion:

May be harmful if swallowed.

Skin contact:

May cause allergic skin reaction

Eye contact:

Avoid contact with eyes

Statements of hazard:

MAY CAUSE ALLERGIC SKIN REACTION.

FIRST AID

General advice:

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation:

Move to fresh air. Call a physician immediately.

Skin contact:

Rinse immediately with plenty of water and seek medical advice

Ingestion:

Do not induce vomiting without medical advice.

Eye contact:

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Protection of first-aiders:

No information available

Notes to physician:

None

Medical conditions aggravated by None known exposure:

7. PRECAUTIONS FOR USE

Section 8 Notes: TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, not cause undue discomfort to, nearly all workers.

Engineering measures: Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Self-contained breathing apparatus

Hand protection: Pvc disposable gloves

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection: Safety glasses

Hygiene measures: Avoid contact with skin, eyes and clothing.



8. SAFE HANDLING INFORMATION

Storage:

ROOM TEMPERATURE

Handling:

Use only in area provided with appropriate exhaust ventilation.

Safe handling advice:

Wear personal protective equipment.

9. STABILITY AND REACTIVITY

Stability:

Stable under recommended storage conditions.

Polymerization:

None under normal processing.

Hazardous decomposition products:

Nitrogen oxides/ammonia/CN

Materials to avoid:

Strong oxidizing agents

Conditions to avoid:

Exposure to air or moisture over prolonged periods.

10. SPILLS AND DISPOSAL

Personal precautions:	Use personal protective equipment.
Environmental precautions:	Prevent product from entering drains.
Methods for cleaning up:	Sweep up and shovel into suitable containers for disposal.
Waste from residues / unused products:	Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.
Contaminated packaging:	Do not re-use empty containers

11. FIRE/EXPLOSION HAZARDS

Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray or "alcohol" foam
Specific hazards:	Burning produces irritant fumes.
Unusual hazards:	None known
Special protective equipment for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Specific methods:	Water mist may be used to cool closed containers.

12. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Components	RTECS Number	Selected LD50s and LC50s
N-tert-OCTYLACRYLAMIDE	UC6485000	Oral LD50 Mouse : 1210 mg/kg

Chronic toxicity: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Local effects: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Specific effects:	May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.
Carcinogenic effects:	No data is available on the product itself.
Mutagenic effects:	No data is available on the product itself.
Reproductive toxicity:	No data is available on the product itself.

13. ECOLOGICAL INFORMATION

Mobility:	No data available
Bioaccumulation:	No data available
Ecotoxicity effects:	No data available
Aquatic toxicity:	May cause long-term adverse effects in the aquatic environment.

14. TRANSPORT INFORMATION

IMDG/IMO

IMDG - Hazard Classifications	Not Applicable
IMDG - Marine Pollutants	Not Applicable
IMDG - Marine Pollutants	Not Applicable
IMDG - Regulated Substances	Not Applicable
IMDG - Severe Marine Pollutants	Not Applicable

IMO-labels:

Packing group:	None
Proper shipping name:	Not Regulated
UN/Id No:	Not regulated

ADR/RID

Hazard Class	No Dangerous goods class allocated
Item:	N-tert-OCTYLACRYLAMIDE
ADR/RID-labels:	No Dangerous goods class allocated
UN/Id No:	Not regulated
Emergency Action Code (Hazchem code):	Not required
Proper shipping name:	Not Regulated

ICAO:

Hazard Class	No Dangerous goods class allocated
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Packing group: None
Proper shipping name: Not Regulated

15. REGULATORY INFORMATION

International inventories:

N-tert-OCTYLACRYLAMIDE

Australia (AICS): Present

Inventory - China: Present

EU EINECS List - 224-169-7; C11H21NO

Indication of Danger: None.

Safety Phrases: S36 - Wear suitable protective clothing.

Poisons schedule No. (Aust)/Toxic Substance (NZ): Not required

16. OTHER INFORMATION

Prepared by: Health & Safety

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End of Safety Data Sheet