

DL ALPHA TOCOPHERYL ACETATE – SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

| | |
|--------------|---|
| Product Name | DI Alpha Tocopheryl Acetate (synthetic) |
| INCI Name | Tocopheryl Acetate |
| CAS Number | 7695-91-2 |

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

| | | |
|-------------------------------------|-----------------------------------|-----------------------------------|
| Registered distributor company name | Pure Ingredients | Pure Nature |
| Address | 626A Rosebank Road, Avondale 1026 | 626A Rosebank Road, Avondale 1026 |
| Telephone | +64 9 813 5619 | +64 9 813 9412 |
| Website | www.pureingredients.co.nz | www.purenature.co.nz |
| Email | compliance@pureingredients.co.nz | info@purenature.co.nz |

EMERGENCY TELEPHONE NUMBER

| | |
|-----------------------------------|-------------------------------------|
| Association / Organisation | 0800 CHEMCALL / 0800 243 622 (24hr) |
| Emergency telephone numbers | 111 |
| Other emergency telephone numbers | 0800 764 766 |

SECTION 2 HAZARDS IDENTIFICATION

| | |
|----------------------------|---|
| HSNO Hazard Classification | Not classified |
| Hazard Nature | This product is not classified as hazardous under HSNO criteria |
| Pictogram(s) | Nil |
| Signal Word | Nil |
| Hazard Statement(s) | Nil |
| Prevention Statements(s) | Nil |
| Response Statement(s) | Nil |
| Storage Statement(s) | Nil |
| Disposal Statement(s) | Nil |

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

| % [volume/weight] | INCI Name | CAS No. |
|-------------------|--------------------|-----------|
| 100 | Tocopheryl Acetate | 7695-91-2 |

SECTION 4 FIRST AID MEASURES

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| General advice: For advice, contact a Poisons Information Centre (New Zealand 0800 764 766) or a doctor. |
| Inhalation: Remove to fresh air. Call a physician if symptoms occur. |
| Eye contact: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur. |
| Skin contact: Wash skin with soap and water. Call a physician if symptoms occur. |
| Ingestion: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician if necessary. |
| Most important symptoms and effects, both acute and delayed: No information available. |
| Indication of any immediate medical attention and special treatment needed: Treat symptomatically. |

SECTION 5 FIREFIGHTING MEASURES

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| Suitable extinguishing media: Dry chemical. Carbon dioxide (CO ₂). Foam. |
| Unsuitable extinguishing media: No information available. |
| Specific hazards arising from the chemical: Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Hazardous combustion products: Oxides of carbon. |
| Special protective actions for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or mists. Ensure adequate ventilation. Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Wash thoroughly after handling. Use personal protective equipment as required.

Other information: Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders: Shut off ignition sources. Use personal protection recommended in Section 8.

Environmental precautions: Prevent further leakage or spillage if safe to do so. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up: Methods for containment Stop leak if you can do it without risk. Remove ignition sources. Provide adequate ventilation. Dike far ahead of spill to collect runoff water. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up: Slippery when spilt. Avoid accidents, clean up immediately. Dam up. Soak up with inert absorbent material. Use personal protective equipment as required. Pick up and transfer to properly labelled containers.

Precautions to prevent secondary hazards: Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 7 HANDLING AND STORAGE

Advice on safe handling: Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash thoroughly after handling. Use personal protection equipment. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice.

General hygiene considerations: Regular cleaning of equipment, work area and clothing is recommended. Wash hands and face before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Wear suitable gloves and eye/face protection.

Storage: Conditions Keep container tightly closed in a dry and well-ventilated place. Protect from sunlight. Store away from incompatible materials. Store away from sources of heat or ignition. Keep container closed when not in use.

Incompatible materials: Strong acids. Strong bases. Strong oxidizing agents.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

Exposure limits: No value assigned for this specific material by the New Zealand Workplace Health & Safety Authority.

Engineering controls: Ensure adequate ventilation, especially in confined areas.

Environmental exposure controls: No information available.

PERSONAL PROTECTION

Eye/face protection: Glasses.

Hand protection: Impervious gloves.

Skin and body protection: Wear suitable protective clothing. Overalls. Boots.

Respiratory protection: If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------|--|---------------------------|--|
| Appearance | Viscous oily yellow to slightly greenish yellow liquid | Vapour pressure | ~ 1.4 mbar @240°C ~ 4.0 mbar @270°C |
| Odour | Odourless | Vapour density | Not applicable |
| Odour threshold | No data available | Relative density | 0.95 – 0.96 |
| pH | Not applicable | Solubility | Immiscible in water |
| Melting/freezing point | No data available | Partition coefficient | No data available |
| Boiling point & range | > 300°C | Auto-ignition temperature | 303°C |
| Flash point | ~ 260°C | Decomposition temperature | No data available |
| Flammability | No data available | Kinematic viscosity | No data available |
| Upper/lower flammability | No data available | Particle characteristics | No data available |

SECTION 10 STABILITY AND REACTIVITY

Reactivity: No information available.

Stability: Stable under normal conditions.

Sensitivity to mechanical impact: None.

Sensitivity to static discharge: None.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Heat, flames and sparks. Direct sunlight.

Incompatible materials: Strong acids. Strong bases. Strong oxidizing agents.

Hazardous decomposition products: Oxides of carbon.

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SECTION 11 TOXICOLOGICAL INFORMATION
Routes of exposure

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

Inhalation: May cause irritation.

Eye contact: May cause irritation.

Skin contact: May cause irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Acute toxicity: Oral LD50 > 10,000mg/kg (rat).

Skin corrosion/irritation: Non-irritating to the skin.

Serious eye damage/eye irritation: Non-irritant.

Respiratory or skin sensitization: Non-sensitizing.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.

STOT - single exposure: No information available.

STOT - repeated exposure: No information available.

Aspiration hazard: No information available.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Keep out of waterways. LC50: >100mg/L (96h, Oncorhynchus mykiss).

Persistence and degradability: Inherently biodegradable.

Bioaccumulation: No information available.

Mobility in soil: No information available.

Other adverse effects: No information available.

SECTION 13 DISPOSAL CONSIDERATION

Waste from residues/unused products: Dispose of in accordance with federal, state and local regulations.

Contaminated packaging: Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

SECTION 14 TRANSPORT INFORMATION

| Transport | Road & Rail | Marine | Air |
|----------------------------|---------------------|---------------------|---------------------|
| UN number | Not dangerous goods | Not dangerous goods | Not dangerous goods |
| UN proper shipping name | Nil | Nil | Nil |
| Transport hazard class(es) | Nil | Nil | Nil |
| Packing group | Nil | Nil | Nil |

SECTION 15 REGULATORY INFORMATION

HSNO approval number | N/A

NZIoC: This material is listed on the New Zealand Inventory of Chemicals.

AiIC: This material is listed on the Australian Inventory of Industrial Chemicals.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

Version: 00 Revision Date: 12/12/2018. New PIL – SA032/SA163

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