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Netchem Inc.

SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
Vitamin E Acetate

SYNONYM
dl-α-tocopherol acetate

DISTRIBUTOR
Netchem Inc.
35 Roy Blvd
Brantford, Ontario, N3R 7K1
519-751-4700

SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification: Not classified as hazardous according to GHS.
GHS Label elements, including precautionary statements
Symbol/Pictogram: none
Signal Word: none
Hazard Statement(s): none
Precautionary statement(s): none

SECTION 3 – COMPOSITION, INFORMATION AND INGREDIENTS

INGREDIENT	C.A.S. NUMBER	PERCENTAGE
dl-α-tocopherol acetate	[7695-91-2]	≥ 96%

SECTION 4 – FIRST AID MEASURES

Eyes: Flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
Skin: Immediately wash skin with soap and copious amounts of water.
Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation: Remove to fresh air. If breathing becomes difficult, call a physician.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards in case of fire: In case of fire, toxic fumes and/or carbon oxides can be released.
Special protective equipment and precautions for firefighters: Wear self-contained breathing apparatus and fully protective impervious suit.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing vapours, mist or gas.
Environmental precautions: Do not allow product to enter drains or waterways.
Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin, minimize exposure. Wear personal protective equipment.
Conditions for safe storage, including incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Protect from light and humidity. Store < 25 °C. Light sensitive and air sensitive.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering control measures: Ensure proper ventilation to minimize exposure.

Exposure limits: No data available.

PERSONAL PROTECTIVE EQUIPMENT:
Eyes: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Clothing: Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respirators: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid, viscous
Color:	Light yellow
Odor:	No data available
Odor threshold:	No data available
pH:	No data available
Melting/freezing point:	No data available
Initial boiling point:	> 220 °C
Flash point:	> 225 °C
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	0.5 hPa at 213 °C
Vapor density:	No data available
Relative density:	0.96 g/cm^3
Solubility:	Slightly soluble
Partition coefficient:	No data available
Auto-ignition temperature:	> 350 °C

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: No data available.
Conditions to avoid: Light, humidity.

Incompatibilities with other materials: Strong bases, strong acids, oxidizing agents, alkalis, iron, silver and metal salts.
Hazardous decomposition products: In case of fire, toxic fumes and/or carbon oxides can be released.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50	Rat – > 5,000 mg/kg
Inhalation LC50	No data available
Dermal LD50	Rat – > 2,000 mg/kg

Skin corrosion/irritation
Rabbit – non-irritant.
Serious eye damage/eye irritation
Rabbit – non-irritant.
Respiratory or skin sensitisation
No data available.
Germ cell mutagenicity
in vitro assay – S. typhimurium – Result: negative.
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
Reproductive toxicology
No data available.
Target organ systemic toxicity – Single exposure
No data available.
Target organ systemic toxicity – Repeated exposure
No data available.
Aspiration hazard
No data available.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish	Rainbow trout (Oncorhynchus mykiss0 – 96h LC50 > 10 mg/L – OECD Guideline 203
Toxicity to daphnia and other aquatic invertebrates	Daphnia magna – 48h EC50 > 20 mg/L – OECD Guideline 202
Toxicity to algae	Green algae (Pseudokirchneriella subcapitata) – 72h EC50 > 20 mg/L –OECD Guideline 201

Persistence and degradability
Not readily biodegradable
17 %, 28 days (Manometric Respirometry Test, OECD No. 301 F)
Bioaccumulative potential
No data available.
PBT and vPvB assessment
No data available.
Other adverse effects
No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, Provincial (State) and Municipal regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT (US) – Not regulated as dangerous goods

IMDG – Not regulated as dangerous goods

IATA – Not regulated as dangerous goods

SECTION 15 – REGULATORY INFORMATION

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 – ADDITIONAL INFORMATION

PREPARED BY	PHONE NUMBER	REVIEW DATE
Regulatory Affairs	519 - 751 - 4700	May 2015

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