



Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25

Version: 1.0

Page: 1/9

(30533824/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

Covi-ox® T-50 C

Recommended use of the chemical and restriction on use

Recommended use*: antioxidant, cosmetic ingredient

Unsuitable for use: Not intended for sale to or use by the general public.

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
Kensing, LLC

Contact address:
2525 South Kensington Ave.
Kankakee, IL 60901, USA

Emergency telephone number

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

Other means of identification

Chemical family:

No applicable information available.

Synonyms:

Mixed tocopherol concentrate. Use: antioxidant.

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25

Version: 1.0

Page: 2/9

(30533824/SDS_GEN_US/EN)

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Soybean oil

CAS Number: 8001-22-7

Content (W/W): ≥ 50.0 - $< 75.0\%$

Synonym: No data available.

4. First-Aid Measures

Description of first aid measures

General advice:

If adverse health effects develop seek medical attention.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:

After contact with skin, wash immediately with plenty of water and soap. If adverse health effects develop seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed:

Rinse mouth and then drink 200-300 ml of water. Do not induce vomiting. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: No applicable information available.

Hazards: No hazard is expected under intended use and appropriate handling.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

water spray, carbon dioxide, dry powder, foam

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25

Version: 1.0

Page: 3/9

(30533824/SDS_GEN_US/EN)

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), glass

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Keep away from heat. Avoid direct sunlight.

Above temperature limit the product is irreversibly damaged and no longer usable. Below temperature limit the product properties will change. The property change is reversible. At the usual storage and transportation conditions no impairments of the product are to be expected. Please refer to the technical leaflet for further information.

Protect from temperatures below: 10 °C

Characteristics of the product are reversibly changed when falling below the limit temperature.

Protect from temperatures above: 60 °C

Properties of the product change irreversibly on exceeding the limit temperature.

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25
Version: 1.0

Page: 4/9
(30533824/SDS_GEN_US/EN)

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

Soybean oil	OSHA PEL	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ; TWA value 15 mg/m3 Total dust ; TWA value 5 mg/m3 Respirable fraction ;
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Advice on system design:

No special precautions necessary.

Personal protective equipment

Respiratory protection:

Not applicable with adequate ventilation. Wear a NIOSH-certified (or equivalent) respirator as necessary. Follow manufacturer's recommendations.

Hand protection:

Hand protection not required.

Eye protection:

Safety glasses with side-shields.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	oil, viscous	
Odour:	characteristic	
Odour threshold:	not applicable	
Colour:	red	
	clear	
pH value:	not applicable	
Flash point:	> 300 °C	(ASTM D3278)
Flammability:	not flammable	
Flammability of Aerosol	not applicable, the product does not	
Products:	form flammable aerosoles	
Lower explosion limit:	For liquids not relevant for	
	classification and labelling.	
Upper explosion limit:	For liquids not relevant for	
	classification and labelling.	
Autoignition:	not determined	
Vapour pressure:	not determined	
Density:	0.93 - 0.95 g/cm3	
	(20 °C)	
Vapour density:	not applicable	
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures	

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25
Version: 1.0

Page: 5/9
(30533824/SDS_GEN_US/EN)

Self-ignition temperature:	not applicable
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	not determined
Viscosity, kinematic:	not determined
Solubility in water:	insoluble
Solubility (qualitative):	miscible solvent(s): Vegetable oils, partly soluble solvent(s): organic solvents, insoluble solvent(s): distilled water,
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section. No further information available.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:
not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Reacts with oxidizing agents. Reacts with bases. Reacts with strong acids.

Conditions to avoid

Temperature: > 35 degrees Celsius

Incompatible materials

No substances known that should be avoided.

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25
Version: 1.0

Page: 6/9
(30533824/SDS_GEN_US/EN)

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry

Dermal contact.

Ingestion.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Oral

Type of value: LD50

Value: > 5,000 mg/kg

Inhalation

No applicable information available.

Dermal

Type of value: LD50

Value: > 2,000 mg/kg

Assessment other acute effects

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

Irritation / corrosion

Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes.

Skin

Species: rabbit

Result: Slightly irritating.

Method: Draize test

Eye

Species: rabbit

Result: Slightly irritating.

Method: Draize test

Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25
Version: 1.0

Page: 7/9
(30533824/SDS_GEN_US/EN)

Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

Teratogenicity

Assessment of teratogenicity: No data was available concerning toxicity to development.

Other Information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish

LC50 > 100 mg/l

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

EC0: > 100 mg/l

Persistence and degradability

Assessment biodegradation and elimination (H2O)

The organic component of the product is biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential

No data available.

Mobility in soil

Assessment transport between environmental compartments

not applicable

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25
Version: 1.0

Page: 8/9
(30533824/SDS_GEN_US/EN)

Container disposal:

Empty contaminated containers/packaging must be handled according to applicable regulations for the hazardous properties of the contaminating material.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Cosmetic	TSCA, US	released / exempt
Pharma	TSCA, US	released / exempt
Chemical	TSCA, US	released / listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

State regulations

State RTK

PA

CAS Number

8001-22-7

Chemical name

Soybean oil

NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

Kensing Product Regulations
SDS Prepared on: 2021/04/25

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring

Safety Data Sheet

Covi-ox® T-50 C

Revision date : 2021/04/25

Page: 9/9

Version: 1.0

(30533824/SDS_GEN_US/EN)

the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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