Information: (66) 2-735-6823

# SAFETY DATA SHEET

## SECTION I – IDENTIFICATION OF THE HAZARDOUS CHEMICAL AND OF THE SUPPLIER

**Product Name:** GermXit

**Product Use:** Odour mitigation, Air purifier

**CAS Number:** None allocated (Compound Product)

**Chemical Name\Synonyms:** Tea Tree Oil (Semi Gel)

**Manufacturer/Supplier:** GermXit Co.,Ltd.

**Date Revised:** 01-01-20

**Address:** 86, 88 Soi Ramkhamhaeng 60/4, Ramkhamhaeng Rd, Huamark, Bangkapi, Bangkok, Thailand 10240

**Preparer:** Carl Straub

**Information Telephone Number:** (66) 2-735-6823-5 (9 AM - 5 PM -- Mon. - Fri.)

## SECTION 2 - HAZARD IDENTIFICATION

**GHS Classification: This material is not hazardous, non-chemical according to health criteria of NOHSC Australia.**
Non-Flammable Semi-solid (Gel). **Note:** Gel material is not intended to be directly handled it should be left in container when in use.

**Hazards:** Harmful

**Risk Phrases:** R20/22 Harmful if swallowed
R36/38 Irritating to eye and skin

**Safety Phrases:** S2 Keep out of the reach of children
S3 Keep in a cool place
S7 Keep container tightly closed
S62 If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label

**Label Elements**:

**Irritant to skin and eyes**

## SECTION 3 – COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL

Every endeavor has been made to ensure that the information contained in this document is reliable and offered in good faith. Should be not construed as guaranteeing specific properties. It is meant to describe the safety requirements of our product.

**Common name(s):** GermXit

| **Component** | **CAS Number** |
|---|---|
| Tea Tree Oils | 68647-73-4 |
| Stabilizing Polymers | Proprietary |
| pH neutralizer | Proprietary |
| Color | Mixture |
| D.I. Water | 7732-18-15 |

Treatment of air in air conditioning ducts and air purifiers to control bacteria, fungi, yeast and mould.

## SECTION 4 – FIRST-AID MEASURES

**Health Effects**

**Mild Exposure**

**Eye:** Eye contact can result in irritation and watering of the eye.

**Skin:** Treat minor cases as symptomatic. This product is not expected to cause problems even on prolonged exposure.

**Swallowed:** Although no appropriate human or animal health effects data are available, this material is expected to be toxic and an ingestion hazard. Treat minor case as symptomatic.

**Chronice Exposure**

**Effect:** Repeated or prolonged skin contact may cause mild irritation. If ingested may affect gastro-intestinal tract with accumulative toxic effect. It may also cause irritation to the eye on contact.

**Advice to doctor:** If swallowed, do not induce vomiting. Gastric ravage and cathartic indicated. If exposed, treat skin and eye irritation conventionally.

**Eyes:** Wipe away surplus with tissue or cotton wool. Immediately irrigate with copious quantity of water for at least 15 minutes. eyelids to be held open.

**Skin:** Remove from skin applying a generous amount of waterless hand cleaner or soap and water to the affected area. Wipe with paper towels or clean dry cloth. If still irritation occurs see medical attention.

## SECTION 5 – FIRE-FIGHTING MEASURES

| | |
|---|---|
| **Flash Point (T.C.C.):** | None to boiling point. |
| **Flammable Limit (LEL & UEL):** | No Data |
| **Extinguishing Media:** | Use extinguishing media as appropriate for surrounding fire. |
| **Special Fire Fighting Procedures:** | None |
| **Unusual Fire and Explosion Hazards:** | When polymer burns, water, carbon dioxide, carbon monoxide, and smoke are produced. Pyrolysis products may include such materials as acetic acid, acrolein, and acetaldehyde. |

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Emergency procedures**

| | |
|---|---|
| **Methods and materials for containment and clean up** | Prevent release to the environment if possible. For small spills, wash area with water. |

## SECTION 7 - HANDLING AND STORAGE

**Storage and Handling:** This product is non-hazardous in transport and is not considered as a Dangerous Good for the transport of the Dangerous Goods by Road, Rail and Air transport. Keep containers securely sealed and protected against physical damage. Ensure containers are clearly labeled. Keep containers closed at all times. Store away from source of physical heat or ignition.

**Packaging and Labeling:** To comply with legislation.

**Reactivity Data:** Stable between 0 C° and 25 C°

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure standard:** It is suggested that normal exposure standard for Tea Tree Oil is adopted i.e. a TLV of 100 ppm. be maintained for the hydrocarbon component. TLV is the time weighted average concentration of the work atmosphere over a normal 8 hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect. These TLV's are used as guidelines for good practice. All atmospheric concentrations should be kept to a practical comfortable level.

**Engineering Controls:** Store in a cool dry place. Only open containers immediately prior to use. Shelf life as indicated on pack. 6 months standard room ventilation.

**Personal Protection:** Avoid eye contact. Normal work environment clothing should be worn. Otherwise no special precautions are necessary.

**Flammability:** Non Flammable.

**Environment:** Normal precautions should be taken to prevent spills from contaminating drains or waterways. Thoughtful disposal of used equipment and containers. Clean up spills and avoid slip hazards.

**Toxicity Data:** No data available for the compounded product. Treat as Tea Tree aroma therapy oil.(SEE MANUAL)

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance:** | Green semi-solid gel (Forest scent) or White semi-solid gel (Lemon scent) |
| **Specific Gravity:** | Not determined |
| **Flash Point:** | Start at 74 $C^0$ |
| **Boiling Point:**$C^0$ | Not determined |
| **Melting Ponit:** | Not determined |
| **PH:** | 5 - 6 |
| **Form:** | Emulsified Gel |
| **Molecular Weight:** | Mixture |

## SECTION 10 - STABILITY AND REACTIVITY

**Product Stabillty:** Product is incompatible with strong bases.

**Conditions to avoid:** Keep away from heat or flame.

**Hazardous reactions:** Hazardous polymerisation does not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Caution:** Liquid may be irritating to eyes and skin.
**Acute Effects:** None established
**Eye Contact:** May cause irritation
**Skin Contact:** (Gel Material) May cause allergic skin reaction in sensitive individuals.
**Inhalation**: None established
**Chronic Effects:** None established

## SECTION 12 - ECOLOGICAL INFORMATION

**No information**

## SECTION 13 - DISPOSAL INFORMATION

**Disposal Method:** This product is non-toxic and non-hazardous. Dispose of according to local regulations, Landfill disposal is permissible.

## SECTION 14 – TRANSPORTATION INFORMATION

**Transportation:** This product is non-hazardous in transport. It is not considered as dangerous goods under IATA DGR in Air transport. Also not considered as a dangerous goods for the transport by Road, Ship and Rail. Keep containers securely sealed and protected against physical damage. Ensure containers are clearly labeled. Keep containers closed at all times. Store away from source of heat or ignition.

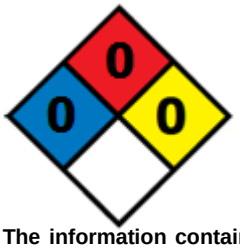
**SCHEDULE "B" NUMBER** 3303.00.90
**HS Code** 3303.00.90
**UN NUMBER:** Not applicable: non-hazardous.
**TRANSPORT HAZARD CLASS:** Not applicable: non-hazardous.
**PACKING GROUP NUMBER:** Not applicable: non-hazardous.
**ENVIRONMENTAL HAZARDS:** None.
**IATA REGULATIONS:** Not classified hazardous by IATA or IMO regulations: Non Hazardous.

## SECTION 15 - REGULATORY INFORMATION

**Poisons Schedule (Aust):** Not Scheduled as a Poison by the SUSDP.
All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS). Refer to section 5 and 14 for further regulatory information.

## SECTION 16 - OTHER INFORMATION

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM**




**HEALTH: 0**
**FIRE HAZARD: 0**
**REACTIVITY: 0**

**4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = NO SIGNIFICANT HAZARD**

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