



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION

Product Name: GermXit
CAS Number: None allocated (Compounded Product)
Manufacturer/Supplier: GermXit Co.,Ltd.
Address: 86, 88 Soi Ramkhamhaeng 60/4,
Ramkhamhaeng Rd, Huamark, Bangkok, Thailand 10240
Information Telephone Number: (66) 2-735-6823-5 (9 AM - 5 PM -- Mon. - Fri.)

Product Use: Odour mitigation, Air purifier
Chemical Name/Synonyms: Tea Tree Oil (pure)
Date Revised: 26-06-03
Preparer: Carl Straub

SECTION 2 - Composition/information on Ingredients

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 and

Common name(s): GermXit
Synonym(s): None
CAS Number(s): None Allocated (Compounded product)
Chemical identity of Ingredient: Tea Tree Oil (pure) / CAS Number 68647-73-4
Proportion of Ingredients: pH neutralizer

Treatment of air in air conditioning ducts and air purifiers to control bacteria. Fungi Yeast and Mould.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Green semi - Solid gel (Forest Scent) or White semi - Solid gel (Lemon Scent)
Specific Gravity: 0.960 + 0.20 at 20 C
Flash Point: Not determined
PH: 1% dispersions 5.5 ± 1.0
Form: Emulsified Gel

SECTION 4 - FIRE HAZARD INFORMATION

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 5 - HAZARDOUS INFORMATION

Hazard Classification: Not for consumption
Risk Phrease(s): Harmful if swallowed
Irritating to eyes
Safty Phrase(s): Keep out of reach of children
Keep away from food, drink and animal food stuffs
Avoid contact with eyes
This material and its container must be disposed of in a safe way

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Porcedures
Methods and materials for Containment and clean up

Wear appropriate protective clothing.
Shut off all sources of ignition.
Keep out of reach of children.

SECTION 7 - 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.
- In such cases treat promptly.
- 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 8 - PRECAUTIONS FOR USE

- 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 precaution 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 - SAFE HANDLING & STORAGE

- Storage and Transportation:** 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 physics! 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.
- Spills and Disposals:** Isolate damaged containers and stop leak if safe to do so. Use absorbent (soil, sand, sawdust, inert material or vermiculite). Sweep up. Collect and seal in properly labeled drums for disposal.
- Reactivity Data:** Stable between 0 C° and 60 C°

SECTION 10 - STABILITY AND REACTIVITY

Product Stability:	Product is non combustible.
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.
ACGIH TLV:	None established
OSHA PEL:	None established
Carcinogenicity:	None established
NTP Monograph:	None established
IARC Monograph:	None established

SECTION 12 - ECOLOGICAL INFORMATION

No information

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of according to local, state and federal regulations.

SECTION 14 - TRANSPORTATION

Transportation: 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 heat or ignition.

SECTION 15 - REGULATORY INFORMATION

According to Directive 88/379/EEC

Hazards:	Harmful
Risk Phrases:	R10 Flammable Liquid R22 Harmful if swallowed R38 Irritating to skin
Safety Phrases:	R65 May cause lung damage if swallowed S16 Keep away from sources of ignition – No Smoking S62 If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label

SECTION 16 - ADDITIONAL INFORMATION

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM



HEALTH: 2
FIRE HAZARD: 2
REACTIVITY: 0
PERSONAL PROTECTION: J

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

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