

BioZap™ Air Purifier & Deodorizer

MATERIAL SAFETY DATA SHEET

Dec. 10, 2009

Page 1 of 2

SECTION I - PRODUCT INFORMATION

PRODUCT: BioZap™ Air Purifier & Deodorizer
PRODUCT USE: Controls molds and mildew, musty odors, algae, fungi, bacteria, and biological pathogens in indoor air and on porous surfaces.
For basements, bathrooms, rest rooms, kitchens, air-conditioning ducts, ships, RV's, homes or offices.
PRODUCT NUMBER: CAS No. - None Allocated (compound product)
SUPPLIER: Novion Inc.
ADDRESS: 18 L'Hermitage Drive
Shelton, CT 06484 USA
TELEPHONE: 1-203-225-0366 or toll-free 800-472-0603

SECTION II – HAZARDOUS INGREDIENTS

COMPOSITION:	%	PEL / TLV	HAZARD
Australian Tea Tree Oil (pure)	5-12%		none established
Lemon Scented TTO	1%		
Stabilizer polymer	2.5%		
Coloring	0.5%		
D.I. Water	balance		

SECTION III – PHYSICAL DATA

APPEARANCE & ODOR: Scented semi-solid gel
SPECIFIC GRAVITY: 0.960+0.020 @20 Degrees C
PH: 1% dispersion 5.5+1.0
FORM: Emulsified Gel

SECTION IV – FIRE OR EXPLOSION HAZARD

FLASH POINT: Non-flammable
FLAMMABLE LIMITS: UEL: LEL:
EXTINGUISHING MEDIA:
UNUSUAL FIRE & EXPLOSIVE HAZARDS:
SPECIAL FIREFIGHTING PROCEDURES:

SECTION V – HEALTH HAZARD DATA

UNDER NORMAL USE CONDITIONS:

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

EFFECTS OF MILD EXPOSURE:

EYES: 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 a prolonged exposure.

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Page 2 of 2

INGESTION: Although no appropriate human or animal health effects data are available, this material is expected to be toxic and an ingestion hazard.

INHALATION: None

FIRST AID PROCEDURES:

EYES: Wipe away surplus with tissue or cotton wool. Immediately irrigate with copious quantities 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.

SECTION VI – REACTIVITY DATA

CHEMICAL STABILITY: Stable between 0 degree C and 60 degrees

CONDITIONS TO AVOID: None

INCOMPATIBLE MATERIAL: NA

HAZARDOUS DECOMPOSITION: NA

HAZARDOUS POLYMERIZATION: NA

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

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 drum for disposal.

WASTE DISPOSAL METHOD:

Product is non-toxic and non-hazardous. Dispose according to local regulations.

SECTION VIII – SPECIAL PROCEDURES

RESPIRATORY PROTECTION: No special precautions are necessary

EYE PROTECTION: No special precautions are necessary

PROTECTIVE CLOTHING: No special precautions are necessary

SECTION IX – TRANSPORTATION & REGULATORY INFORMATION

D.O.T. SHIPPING NAME:

CLASSIFICATION:

UN NUMBER:

CERCLA: RQ'S::

SECTION X – OTHER REGULATORY CONTROLS

TSCA : NA

SARA TITLE III: NA

RCRA: NA

The above information is believed to be correct at the time of its printing. No warranty is offered or implied.