

MATERIAL SAFETY DATA SHEET

Environmental Industries	Emergency Phone: 800-535-5053	Chemtrec	Health.....2	HMIS Rating
4445 North A1A	Date Prepared: 04/01/11		Flammability....1	4=Severe
Vero Beach, FL 32963	Supercedes: 04/01/10		Reactivity.....0	3=Serious
Phone # (772) 231-9772	Protection:		Protection.....1	2=Moderate
				1=Slight
				0=Minimal

This Product is a Mixture.

Product Identity.....**T.R. BIO KLEAN**
Formula.....Trade Secret
Chemical name of Family.....Quaternary Ammonium Compound

HAZARDOUS INGREDIENTS	CAS Number	%	EXPOSURE LIMITS	
Didecyl dimethyl ammonium chloride	7173-51-5		PEL-OSHA	TLV-ACCIW
n-Alkyl (c14 50%, C12 40%, C16 10%)	8001-54-5	12	NA	NA
dimethyl benzyl ammonium chloride		8	NA	NA
Inert Ingredients		80		

SECTION II – PHYSICAL & CHEMICAL CHARACTERISTICS

Physical State.....Solid	Specific Gravity..... 1	pH.....6 to 8
Odor / AppearanceFresh / Yellowish brown	Density..... 1	Boiling Point.....NA
Solubility in Water.....Timed release of activities	Evaporation Rate NA	Freezing Point.....32F
Percent VolatileZero	(Water = 1)	

SECTION III – FIRE & EXPLOSION HAZARD DATA

Flash PointNA	Unusual Fire & Explosion Hazards..... None
Extinguishing MediaWater	Flammable Limits.....LEL = NA UEL = NA
Special Fire Fighting Procedures.....None	Product will support combustion

SECTION IV – REACTIVITY DATA

Is the product stable?	Yes
Conditions to avoid for stability	NA
Incompatibility (materials to avoid)	NA
Hazardous decomposition products	Carbon Dioxide & Carbon monoxide may be released under fire conditions.
Will hazardous polymerization occur?	No
Conditions to avoid for polymerization	NA

SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

Inhalation...NA

Skin May irritate or burn sensitive skin

EyesCan cause irreversible eye damage

Ingestion.. May irritate or burn tissue of gastrointestinal tract

EMERGENCY & FIRST AID PROCEDURES

Inhalation: NA

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

Ingestion: Drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, large quantities of water. Avoid alcohol. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION VI– SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill. Collect for reuse or disposal. Do not contaminate water, food or feed.

WASTE DISPOSAL METHOD: Do not reuse containers. Rinse thoroughly then wrap in several layers of newspaper before discarding in trash. Open dumping is prohibited. Dispose of pesticide waste according to Federal, State and local regulations.

SECTION VII – SPECIAL PROTECTION INFORMATION

Respiratory Protection..... NA

Ventilation..... NA

Protective Gloves..... Rubber or Latex. Recommended to avoid eye contact by transfer.

Eye Protection..... Recommended to avoid eye contact by transfer.

Other Protective Equipment..... None

SECTION VIII – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Keep in a cool, dry area. Keep under locked storage sufficient to make it inaccessible to children and persons unfamiliar with its proper use.

This is a cationic material, its activity is reduced by soaps or anionics.

PRECAUTIONARY STATEMENTS: DANGER – CORROSIVE to eyes and skin. Real health Hazard Data.

OTHER PRECAUTIONS: Wash hands after handling. Read and follow all label and safety directions.

KEEP OUT OF REACH OF CHILDREN

DANGER

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