

SECTION I — PRODUCT DESCRIPTION

PRODUCT NAME:	TeraGanix Pro Apc500®
RECOMMENDED USES:	All Purpose Cleaning, degreasing, deodorizing
SYNONYMS:	Biodegradable Cleaner and Deodorizer
PRODUCED BY:	TeraGanix, Inc. 1975 County Road 1605 Rusk, TX 75785 (903) 408-6993
CHEMICAL IDENTIFICATION:	(903) 408-6993

SECTION II — HAZARD IDENTIFICATION

This section identifies the hazards of the chemical presented on the SDS and the appropriate warning information associated with those hazards.

PICTOGRAMS:	None exist for Non-hazardous materials		
HAZARD RATING:	HEALTH	0	Normal Material
	FIRE	0	Will not burn
	REACTIVITY	0	Stable

No hazardous ingredients present; not hazardous to humans, animals or plants.

GHS CLASSIFICATION: No classification exists for microorganisms.

OTHER SAFETY PRECAUTIONS: None necessary.

SECTION III — COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#
WATER	7732-18-5
LACTIC ACID BACTERIA	Not Classified
YEAST	Not Classified
PHOTOSYNTHETIC BACTERIA	Not Classified
ORGANIC GRAIN ALCOHOL	64-17-5
YUCCA SCHIDIGERA	Not Classified
d-LIMONENE	5989-27-5
ACETIC ACID (ORGANIC APPLE CIDER VINEGAR)	64-19-7
ORGANIC SUGAR	Not Classified

SECTION IV — FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

INHALATION:	In cases of inhalation, remove to freshen air.
EYES:	In case of contact with eyes, rinse with water for 10 seconds.
SKIN CONTACT:	Rinse with clean water.
INGESTION:	If swallowed, drink some fresh water.

SECTION V — FIREFIGHTING PROCEDURES

EXTINGUISHING MEDIA:	Material will not combust.
FIRE FIGHTING METHODS AND PROTECTION:	Same precautions shall be taken as for fighting a fire with water.
FIRE AND/OR EXPLOSION HAZARDS:	None
HAZARDOUS COMBUSTION PRODUCTS:	None

SECTION VI — SPILL OR LEAK PROCEDURES

STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED:

FLOORS:	Mop up with fresh water, sewer disposal.
WASTE DISPOSAL METHOD:	Sewer disposal. Material is Biodegradable, all natural organic ingredients, Non-GMO.
SOIL:	Rinse area with water.

SECTION VII — HANDLING AND STORAGE

HANDLING:	Pour material with spigot, siphon, or dosage pumps. Material digests biological matter (fats, oils, grease). Avoid contact with these materials if you don't want them digested.
STORAGE:	Store at temperatures between (40 and 120° F). Do not freeze. Keep container closed and out of direct sunlight.
STORAGE CODE:	Green. General Chemical Storage.

SECTION VIII — PROTECTION INFORMATION

RESPIRATORY PROTECTION:	None
VENTILATION:	None
PROTECTIVE GLOVES:	Optional
EYE PROTECTION:	Safety glasses optional.
PROTECTIVE CLOTHING:	None
WORK PRACTICES:	Clean up spills immediately; floor will be slick.

SECTION IX — PHYSICAL DATA

FORMULA:	Proprietary	VAPOR PRESSURE:	N/D
MOLECULAR WEIGHT:		EVAPORATION RATE:	Equal to water
APPEARANCE:	Brown liquid	VAPOR DENSITY (AIR=1)	0.804 g/L
ODOR:	Mild	SPECIFIC GRAVITY:	1.2 (25°C)
pH:	3.5	SOLUBILITY IN WATER:	Soluble
MELTING POINT:	N/A	LOG POW (CALCULATED):	Not known
BOILING POINT:	>100°C	AUTOIGNITION TEMPERATURE:	536°C
FLASH POINT:	None	VISCOSITY:	Same as water
FLAMMABLE LIMITS IN AIR:	N/A	% VOLATILE BY VOLUME:	0

SECTION X — REACTIVITY DATA

REACTIVITY:	Not reactive under normal conditions.	HAZARDOUS DECOMPOSITION PRODUCTS:	None
CHEMICAL STABILITY:	Stable	HAZARDOUS POLYMERIZATION:	Will not occur.
INCOMPATIBLE MATERIALS:	None, non-reactive		

SECTION XI — TOXICITY DATA

ROUTES OF ENTRY:	Inhalation and ingestion
SYMPTOMS (ACUTE):	Coughing, abdominal discomfort (gas pain), loose stool
DISPLAYED EFFECTS:	No long-term effects.

ACUTE TOXICITY:

CHEMICAL NAME	CAS NUMBER	ORAL LD50	DERMAL LD50	INHALATION LD50
WATER	7732-18-5	Oral LD50 Rat 90000 mg/kg	None Known	Not Specified
LACTIC ACID BACTERIA	Not Classified	None Known	None Known	None Known
YEAST	Not Classified	None Known	None Known	None Known
PHOTOSYNTHETIC BACTERIA	Not Classified	None Known	None Known	None Known
ORGANIC GRAIN ALCOHOL	64-17-5	50mg/kg	May cause redness	Slightly Toxic
YUCCA SCHIDIGERA	223749-05-1	Human: 5000mg/kg	No	No
d-LIMONENE	94266-47-4	Rat: 2000mg/kg Rabbit: 5000mg/kg		
ACETIC ACID (ORGANIC APPLE CIDER VINEGAR)	64-19-7	Not Classified	Not Classified	Not Classified
ORGANIC SUGAR	8052-35-5	Not Classified	Not Classified	Not Classified

CARCINOGENICITY:

CHEMICAL NAME	CAS NUMBER	IARC	NTP	OSHA
WATER	7732-18-5	Not Listed	Not Listed	Not Listed
LACTIC ACID BACTERIA	Not Classified	Not Listed	Not Listed	Not Listed
YEAST	Not Classified	Not Listed	Not Listed	Not Listed
PHOTOSYNTHETIC BACTERIA	Not Classified	Not Listed	Not Listed	Not Listed
ORGANIC GRAIN ALCOHOL	64-17-5	Not Classified	Not Classified	Not Classified
YUCCA SCHIDIGERA	223749-05-1	Not Classified	Not Classified	Not Classified
d-LIMONENE	94266-47-4	Not Classified	Not Classified	Not Classified
ACETIC ACID (ORGANIC APPLE CIDER VINEGAR)	64-19-7	No	No	No
ORGANIC SUGAR	8052-35-5	No	No	No

CHRONIC EFFECTS

MUTAGENICITY:	No evidence of a mutagenic effect.
TERATOGENICITY:	No evidence of a teratogenic effect (birth defect).
SENSITIZATION:	No evidence of a sensitization effect.
REPRODUCTIVE:	No evidence of negative reproductive effects.
TARGET ORGAN EFFECTS:	Acute: No evidence of acute effects on organs. Chronic: No evidence of effects on the eyes.

SECTION XII — ECOLOGICAL DATA

OVERVIEW:	No ecological hazards known at any concentration.
MOBILITY:	This material is expected to be moderately mobile in soils. It absorbs into most soil types.
PERSISTENCE:	Finished product in container is 100% Biodegradable.
BIOACCUMULATION:	Bioaccumulation is not expected to occur.
DEGRADABILITY:	Biodegrades quickly.
OTHER ADVERSE EFFECTS:	No Data.

CHEMICAL NAME	CAS NUMBER	ECO TOXICITY
WATER	7732-18-5	No Data Available
LACTIC ACID BACTERIA	Not Classified	No Data Available
YEAST	Not Classified	No Data Available
PHOTOSYNTHETIC BACTERIA	Not Classified	No Data Available
ORGANIC GRAIN ALCOHOL	64-17-5	Highly toxic to aquatic life
YUCCA SCHIDIGERA	223749-05-1	21 CFR 172.510 Considered non-toxic
d-LIMONENE	94266-47-4	May be toxic to fish
ACETIC ACID (ORGANIC APPLE CIDER VINEGAR)	64-19-7	No Data Available
ORGANIC SUGAR	8052-35-5	None known

SECTION XIII — DISPOSAL INFORMATION

DISPOSAL METHODS:	Either use old or expired product in compost or pour down a common drain.
WATER DISPOSAL CODE(S):	This is an unregulated material.

SECTION XIV — TRANSPORT INFORMATION

GROUND –DOT PROPER SHIPPING NAME
AIR IATA Proper Shipping Name:

SECTION XV — REGULATORY INFORMATION

TSCA STATUS:	Not on Toxic Substances Lists
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SECTION XVI — ADDITIONAL INFORMATION

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The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

GLOSSARY

ACGIH	American Conference of Governmental Industrial Hygienists	NTP	National Toxicology Program
CAS	Chemical Abstract Service Number	OSHA	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	PEL	Permissible Exposure Limit
DOT	U.S. Department of Transportation	ppm	Parts per million
IARC	International Agency for Research on Cancer	RCRA	Resource Conservation and Recovery Act
N/A	Not Available	SARA	Superfund Amendments and Reauthorization Act
IDLH	Immediately dangerous to life and health	TLV	Threshold Limit Value
		TSCA	Toxic Substances Control Act