

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Tornador® Turbo Cleaner	MANUFACTURER:	Dehn's Innovations, LLC
SYNONYMS:	NA	ADDRESS:	4421 Black Otter Trail
PRODUCT CODES:	TC-100		Dallas, Texas 75287 USA
PRODUCT USE:	Multi-Surface Cleaner	PHONE NUMBER:	972-380-2906
PREPARED BY:	Robert Blahnik	FAX NUMBER:	972-248-8542
DATE PREPARED:	3-May-2012	EMAIL ADDRESS:	info@dehnsinnovations.com
DATE REVISED:	NA	IN CASE OF EMERGENCY:	972-897-1409

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Components not listed are either non-hazardous or in concentrations of less than 1%

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT:</u>
Tetrasodium Glutamate Diacetate	51981-21-6	<2%

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Non-Hazardous

ROUTE(S) OF ENTRY: INHALATION: Yes SKIN: Yes INGESTION: Yes EYES: Yes

POTENTIAL HEALTH EFFECTS INHALATION: Irritant SKIN: Irritant INGESTION: Irritant EYES: Irritant

ACUTE HEALTH HAZARDS:

Skin: May cause mild irritation. Eyes: May cause mild irritation. Ingestion: May be irritate digestive tract if swallowed.

CHRONIC HEALTH HAZARDS: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE May aggravate pre-existing skin conditions.

CARCINOGENICITY OSHA: Not Listed ACGIH: Not Listed NTP: Not listed IARC: Not Listed OTHER:

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for at least 15 minutes. Call physician if irritation persists.

SKIN: Wash with soap and water, see physician if irritation persists.

INHALATION: Remove to fresh air, give oxygen if needed.

INGESTION: Do not induce vomiting. Get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No other instructions needed

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME) UPPER: NA LOWER: NA

FLASH POINT: None METHOD USED: AUTOIGNITION TEMPERATURE: None

NFPA HAZARD CLASSIFICATION: TOXICITY: 0 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

HMIS HAZARD CLASSIFICATION: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTION:

EXTINGUISHING MEDIA: Use whatever is appropriate to extinguish adjacent fire.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Contain spill. Remove with inert absorbent material. Wash spill area with water.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Store containers upright with lids (caps) tightly closed. Store between 40F(4C) - 100F(37.7C) Keep from freezing.

OTHER PRECAUTIONS: Keep out of the reach of children. Do not get in eyes or on skin.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>INGREDIENT:</u>	<u>CAS NO:</u>	<u>OSHA-PEL</u>	<u>ACGIH - TLV</u>	<u>STEL</u>
Tetrasodium Glutamate Diacetate	51981-21-6	ND	ND	ND

ENGINEERING CONTROLS:

VENTILATION : LOCAL EXHAUST: Adequate MECHANICAL: OTHER:

RESPIRATORY PROTECTION: None necessary

EYE PROTECTION: Approved Safety Glasses SKIN PROTECTION: Rubber or Neoprene Gloves

PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash fountain in work area is recommended.

WORK HYGIENIC PRACTICES: Observe good housekeeping practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green	ODOR: None	pH AS SUPPLIED: 12.4
PHYSICAL STATE: Clear Liquid		SOLUBILITY IN WATER: Complete
BOILING POINT: 221° F 105° C		MOLECULAR WEIGHT:
MELTING POINT: F C		VISCOSITY: 250-500 mPa.s
FREEZING POINT: F C		SPECIFIC GRAVITY (H2O = 1): 1.15
EVAPORATION RATE: BASIS (Butyl Acetate=1):		VAPOR PRESSURE (mmHg):

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon oxides and silicone oxides

HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID (POLYMERIZATION): NA

SECTION 11: TOXICOLOGICAL INFORMATION

<u>INGREDIENT:</u>	<u>CAS NO:</u>	
Tetrasodium Glutamate Diacetate	51981-21-6	The acute LC50 is not available for this product.

SECTION 12: ECOLOGICAL INFORMATION

<u>INGREDIENT:</u>	<u>CAS NO:</u>	
Tetrasodium Glutamate Diacetate	51981-21-6	Readily biodegradable, non-toxic, bioaccumulation: Log Pow <3

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: In accordance with Federal, State and local regulations.

RCRA HAZARD CLASS: Not Regulated

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compounds Not regulated in accordance with the 49CFR

IATA - AIR TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compounds Not regulated in accordance with IATA

IMDG - WATER TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compounds Not regulated in accordance with IMDG

OTHER AGENCIES: NA

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

311/312 HAZARD CATEGORIES: Not Regulated

313 REPORTABLE INGREDIENTS: Not Regulated

STATE REGULATIONS: Not Regulated

WHMIS (CANADA) HAZARD SYMBOL AND CLASSIFICATION: Not Regulated

INTERNATIONAL LISTS:

All chemical substances in this material are included on or exempted from listing on the following lists: Australia (AICS), Canada (DSL/NDSL), Europe (EINECS/ELINCS), Korea (TCCL), Japan (METI), the Philippines (RA6969).

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: DEHN'S INNOVATIONS

DISCLAIMER:

The information and recommendations contained herein are, to the best of Dehn's Innovations's knowledge and belief, accurate and reliable as of the date issued. You can contact Dehn's Innovations to insure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted.

• END OF DOCUMENT •