

MATERIAL SAFETY DATA SHEET**Product Name** DCT GRAN-AIR ABSORBENT/DEODORIZER**MSDS Date** April 20, 2011**Revision No.** 02

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SECTION 1 **PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT

Product Name DCT Gran-Air Absorbent/Deodorizer
Product ID Number 130600
Product Description Dumpster Deodorizer

COMPANY IDENTIFICATION

Supplier Diversified Chemical Technologies, Inc.
15477 Woodrow Wilson
Detroit, MI 48238
(313) 867-5444

Product Technical Information (313) 867-5444**24 Hour Emergency Phone Number (Health & Safety; Transportation) CHEMTREC - (800) 424-9300**

SECTION 2 **COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Ingredients	CAS Number	OSHA PEL	ACGIH TLV	OTHER	% WT
Poly (oxyethylene) nonylphenol	9016-45-9		not established		1 - 5

SECTION 3 **HAZARDS IDENTIFICATION**

******EMERGENCY OVERVIEW******

May be slightly irritating to eyes, skin and/or respiratory tract if contact is frequent or prolonged.

PRIMARY ROUTES OF EXPOSURE Eyes, Ingestion**TARGET ORGANS** Eyes, Skin, Respiratory System, Ingestion**POTENTIAL HEALTH EFFECTS****Acute Effects**

Inhalation May cause slightly mild irritation to respiratory tract upon prolonged, repeated exposures.
Eye May cause slightly mild irritation upon prolonged, repeated exposures to dust exposures.
Skin May cause slightly skin irritation upon prolonged, repeated exposure.
Ingestion May cause irritation to upper respiratory tract.

Chronic Effects Product has not been tested as a whole to determine its long-term effects. The product does contain ingredients that potentially may affect the following target organs as a result from repeated excessive exposures: None known

Carcinogenicity None **IARC:** N/AP **NTP:** N/AP **OSHA:** N/AP

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SECTION 3**HAZARDS IDENTIFICATION****continued****Medical Conditions Aggravated by Long-Term Exposure**

Possible pre-existing dermatitis; dry skin conditions; Overexposure to dust may aggravate existing respiratory conditions

SECTION 4**FIRST AID MEASURES****INHALATION**

Remove to fresh air. Rest in half-upright position. Get medical attention if irritation persists.

EYE CONTACT

Remove contact lenses. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention if irritation persists.

SKIN CONTACT

Remove contaminated clothing. Flush skin with plenty of water for at least 15 minutes. Get immediate medical attention if irritation persists.

INGESTION

Do not induce vomiting. Wash out mouth with water and obtain medical attention. If conscious, milk or water to drink may be beneficial. Treat symptomatically. Get immediate medical attention. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN

Treat symptomatically. It is advisable not to induce vomiting due to the risk of aspiration and it is not usually necessary unless a large amount has been ingested or it has been contaminated with another product. Gastric lavage under supervised medical conditions can be carried out if necessary.

SECTION 5**FIRE FIGHTING MEASURES****Flash Point** N/AV**Flash Point Method** PMCC**Auto Ignition Temperature** N/D**Flammable Limits****LEL** N/D**UEL** N/D**Appropriate Extinguishing Media** Dry Chemical, Foam, CO2**Unusual Fire or Explosion Hazards** None known**Fire Fighting Instructions** Firefighters should wear self-contained breathing apparatus (SCBA) and protection for skin. Stay away from ends of containers during a fire; containers may explode due to pressure build-up inside if heated.**Hazardous Combustion Products** Irritating fumes, toxic gases and acrid smoke. Combustion can produce a variety of compounds including oxides of carbon; unburned hydrocarbons; and other unidentified organic and inorganic compounds.**SECTION 6****ACCIDENTAL RELEASE MEASURES****NOTIFICATION PROCEDURES**

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. National Response Center [24 HR Reporting (800) 424-8802]

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SECTION 6 ACCIDENTAL RELEASE MEASURES

GENERAL Stop leak if you can do so without risk. Contain spillage and prevent entry into sewer drains and watercourses. Retain all contaminated water for removal and treatment.

SAFETY PRECAUTIONS Use suitable protective clothing appropriate to spill size and risk of exposure. Refer to Section 8 for further details. Use extreme caution because affected area(s) may be slippery. For institutional use only. Keep out of reach of children.

SPILL OR LEAK PROCEDURES Eliminate all ignition sources. Clean by vacuum or broom sweeping and remove to disposal container.

SECTION 7 HANDLING AND STORAGE

HANDLING Wash skin thoroughly after handling.
Do not breathe dusts.

Loading/Unloading Temperature	[Ambient]
Transport Temperature	[Ambient]
Transport Pressure	[Ambient]
Static Accumulator	N/D

STORAGE Store in dry conditions protected from frost and elevated temperatures – covered storage is recommended. Store in original or similar waterproof containers in a cool, dry, well-ventilated area. Keep containers closed when not in use. Store away from incompatible materials (see Section 10). Long-term storage temperatures should not exceed 120° F. Keep away from sparks, heat and flame.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS The level of ventilation necessary will vary depending upon potential exposure conditions. Control measures to consider:

Ventilation

Adequate ventilation should be provided so that exposure limits are not exceeded (see Section 2 for exposure limits). – **Local Ventilation**

ADMINISTRATIVE CONTROLS The level of protection necessary will vary depending upon potential exposure conditions. Control measures to consider:

PERSONAL PROTECTIVE EQUIPMENT Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal use. – **None Required With Normal Use**



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If vapors or mists are present and if engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, a NIOSH/MSHA approved respirator may be appropriate. Respirator selection, use and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: **None Required with Normal Use**

Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include: **None Required with Normal Use**

None Required

Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include: **None Required with Normal Use**

Specific Hygiene Measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

Appearance	Brown
Physical State	Solid granules
Odor	Citronella Fragrance
pH	N/AV
Vapor Pressure	N/AV
Vapor Density	N/AV
Boiling Point	N/AV
Melting Point	N/AP
Specific Gravity (water = 1)	N/AV
Evaporation Rate (water = 1)	N/AV
Volatile Organic Compounds (%)	N/D
Solubility	Insoluble
Viscosity (cps)	N/AP

SECTION 10 STABILITY / REACTIVITY

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SECTION 10**STABILITY / REACTIVITY****continued**

Chemical Stability

Material is stable and unlikely to react in a hazardous manner during recommended storage conditions and normal conditions of use.

Conditions to Avoid Excess Heat and Open Flame**Reactivity / Incompatibility** Oxidizing Agents**Hazardous Decomposition**

Material does not decompose at ambient temperature. Thermal decomposition can produce a variety of compounds, the nature of which will largely depend on the conditions bringing about decomposition. Incomplete combustion or thermal decomposition may be expected to generate such materials as: particulate matter and unburned, hydrocarbons; oxides of carbon; water vapor; and other unidentified organic and inorganic compounds.

Hazardous Polymerization Will not occur.

SECTION 11**TOXICOLOGICAL INFORMATION**

Product Toxicological Data

LD50 (Oral)	N/AV
LC50 (Inhalation)	N/AV
Dermal Toxicity Data (Skin)	N/AV
Skin and Eye Irritation Data	N/AV
Mutation Data	N/AV
Reproductive Effects Data	N/AV

Ingredient Toxicological Data

LD50 (Oral)	N/AV
LC50 (Inhalation)	N/AV
Dermal Toxicity Data (Skin)	N/AV
Skin and Eye Irritation Data	N/AV
Mutation Data	N/AV
Reproductive Effects Data	N/AV

SECTION 12**ECOLOGICAL INFORMATION**

Product Ecological Information N/AV**Ingredient Ecological Information** N/AV

SECTION 13**DISPOSAL CONSIDERATIONS**

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SECTION 13 **DISPOSAL CONSIDERATIONS** **continued**

EPA Waste ID Number

EPA RCRA-Nonhazardous. If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.

Waste Disposal

Discard in trash. Follow all applicable federal, state, local and provincial regulations. It is the end-user's responsibility to determine the regulatory status of waste at the time of disposal.

Empty Containers

Empty containers may still contain RCRA-regulated residuals; therefore, clean empty containers of any residue per 40CFR261.7 guidelines and either recycle containers or dispose of according to applicable regulations.

SECTION 14 **TRANSPORT INFORMATION**

LAND (DOT)

DOT Proper Shipping Name	None Required (Not DOT-Regulated)
DOT Hazard Class	N/AP
DOT Subsidiary Risk	N/AP
DOT ID Number	N/AP
DOT Packaging Group	N/AP

SEA (IMDG)

IMDG Proper Shipping Name	None Required (Not IMDG-Regulated)
IMDG Hazard Class	N/AP
IMDG Subsidiary Risk	N/AP
IMDG ID Number	N/AP
IMDG Packaging Group	N/AP

AIR (IATA)

IATA Proper Shipping Name	None Required (Not IATA-Regulated)
IATA Hazard Class	N/AP
IATA Subsidiary Risk	N/AP
IATA ID Number	N/AP
IATA Packaging Group	N/AP

Additional Information N/AP

SECTION 15 **REGULATORY INFORMATION**

U.S. Federal Regulations**SARA Title III Section 311/312 Categorization (40 CFR 370)** None

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SECTION 15	REGULATORY INFORMATION	continued
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SARA Title III Section 313 Categorization (40 CFR 372) *This product contains a chemical(s) subject to the reporting requirements of Section 313 of Title III of SARA:* None

302 (EHS) TPQ (40 CFR 355) None

304 CERCLA RQ (302.4) None

304 EHS RQ (40 CFR 116.4) None

State Regulations

California Prop. 65 N/AP

Identification of Prop. 65 Ingredient(s) N/AP

OSHA CLASSIFICATION CAUTION

WHMIS CLASSIFICATION None Required

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

National Inventories

TSCA	Yes
CEPA (DSL/NDL)	Yes
AICS	N /AV
IECSC	N /AV
EINECS	N /AV
ENCS	N /AV
KECI	N /AV
PICCS	N /AV

Additional Information NONE

SECTION 16	OTHER INFORMATION
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N/D = Not Determined **N/A = Not Applicable** **N/AV = Not Available**

NFPA RATING Health (Blue): 0 Flammability (Red): 0 Reactivity (Yellow): 0
 Specific Hazard(s) (White): None

HMIS RATING Health (Blue): 0 Flammability (Red): 0 Reactivity (Yellow): 0
 Personal Protective Equipment: B

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS

Revision Changes Transposed to 16-Section (EU) Format

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SECTION 16**OTHER INFORMATION****continued**

USER RESPONSIBILITY Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

Prepared By*Corporate Environment/Health and Safety Department of Diversified Chemical Technologies, Inc. and Subsidiaries*