

MATERIAL SAFETY DATA SHEET**Product Name** DCT EZ-CLEAN PAN SOAKER**MSDS Date** June 21, 2012**Revision No.** 06

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SECTION 1 **PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT

Product Name DCT EZ-Clean Pan Soaker
Product ID Number DCT130210
Product Description Cleaner for oven pans

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
Sodium metasilicate	6834-92-0	15 mg/m ³	10 mg/m ³		5 – 15
Potassium hydroxide		2 mg/m ³	2 mg/m ³		1 – 5
Potassium Gluconate	299-27-4	none established			1 – 10
Benzenesulfonic acid, dimethyl sodium salt	1300-72-7		2 mg/m ³		5 – 15
Phosphoric acid, potassium salt	7758-11-4	none established			5 – 10

SECTION 3 **HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW May cause eye irritation. Avoid contact with eyes. Wash thoroughly after handling.**POTENTIAL HEALTH EFFECTS****Acute Effects**

Inhalation Moderate irritation to respiratory tract.
Eye Moderate irritating to the eyes in full concentration.
Skin Moderate to severe skin irritation in full concentration.
Ingestion No known effects or hazards

Chronic Effects Product has not been tested as a whole to determine its long-term effects.**Carcinogenicity** None **IARC:** N/AP **NTP:** N/AP **OSHA:** N/AP

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SECTION 4 FIRST AID MEASURES

INHALATION Remove to fresh air. Treat symptomatically.

EYE CONTACT Remove contact lenses. Hold eyelids apart and rinse eyes with plenty of water. Get medical attention if irritation persists.

SKIN CONTACT Rinse skin with plenty of water. Get immediate medical attention if irritation persists.

INGESTION Do not induce vomiting. Wash out mouth with water and obtain medical attention if symptoms or irritation occur.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point none

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 Contaminated water runoff may cause environmental damage. Dike and collect water used to fight fire.

Fire Fighting Instructions Firefighters should wear self-contained breathing apparatus (SCBA) and protection for skin. Do not spray water directly into storage containers due to boil over danger. Water may be used to cool nearby containers and surfaces.

Hazardous Combustion Products Irritating fumes, toxic gases and acrid smoke. Combustion can produce a variety of compounds including oxides of carbon; water vapor; 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.

GENERAL Stop leak if you can do so without risk. Contain spill / release and prevent entry into sewer drains and waterways. 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.

SPILL OR LEAK PROCEDURES Confine spill / release and absorb spilled material with noncombustible, inert absorbent such as sand, clay, or vermiculite and place into DOT-approved containers for later disposal or flush to wastewater treatment system for further treatment before discharging to POTW.

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SECTION 7 HANDLING AND STORAGE

HANDLING Avoid contact with eyes. Handle with care in full concentration.
Wash skin thoroughly after handling.

STORAGE Keep containers closed when not in use.
Keep out of children's reach.
Do not mix with oxidizing and other incompatible materials.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS General ventilation should be provided so that exposure to airborne contaminants are not exceeded

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection No protective equipment is needed under normal use conditions.

Hand Protection No protective equipment is needed under normal use conditions.

Skin Protection No protective equipment is needed under normal use conditions.

Eye Protection Safety glasses should be used if there is a potential for exposure.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear yellow
Physical State	Liquid
Odor	mild citrus
pH	12.0 – 12.5
Melting Point	N/P
Boiling Point	N/AV
Flash Point	None
Evaporation Rate (water = 1)	N/AV
Vapor Pressure	N/AV
Vapor Density	N/AV
Density (lb/gal)	N/AV
Specific Gravity (water = 1)	1.22 – 1.23
Solubility	Complete
Volatile Organic Compounds (%)	N/D
Viscosity (cps)	N/D

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SECTION 10 STABILITY / REACTIVITY

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

Reactivity / Incompatibility Strong oxidizing agents, strong acids

Hazardous Decomposition Under normal use conditions material does not decompose.

Hazardous Polymerization Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Product Toxicological Data

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

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

Waste Disposal Neutralization with biological/chemical wastewater treatment is preferred method of disposal. Dispose of contaminated water in a contained waste treatment system. 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.

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SECTION 14 **TRANSPORT INFORMATION**

LAND (DOT)

DOT Proper Shipping Name	Corrosive Liquids, n.o.s. (contains sodium metasilicate and potassium hydroxide), 8, UN 1760, PG III
DOT Hazard Class	8
DOT Subsidiary Risk	N/AP
DOT ID Number	UN 1760
DOT Packaging Group	PG III

SEA (IMDG)

IMDG Proper Shipping Name	Corrosive Liquids, n.o.s. (contains sodium metasilicate and potassium hydroxide), 8, UN 1760, PG III
IMDG Hazard Class	8
IMDG Subsidiary Risk	N/AP
IMDG ID Number	UN 1760
IMDG Packaging Group	PG III

AIR (IATA)

IATA Proper Shipping Name	Corrosive Liquids, n.o.s. (contains sodium metasilicate and potassium hydroxide), 8, UN 1760, PG III
IATA Hazard Class	8
IATA Subsidiary Risk	N/AP
IATA ID Number	UN 1760
IATA Packaging Group	III

Additional Information

DOT Shipping Description if quantities are equal to or less than 1 gallon: Corrosive Liquids, n.o.s. (contains sodium metasilicate and potassium hydroxide), 8, UN 1760, PG III, Ltd Qty

DOT Label/Placard if quantities are equal to or less than 1 gallon: none required

SECTION 15 **REGULATORY INFORMATION**

U.S. Federal Regulations**SARA Title III Section 311/312 Categorization (40 CFR 370)** Acute – Immediate Hazard**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

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SECTION 15	REGULATORY INFORMATION	continued
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 DANGER

WHMIS CLASSIFICATION D2B (Styitized T) and E (Corrosive Material)

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

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

NFPA RATING Health (Blue): 1 Flammability (Red): 0 Reactivity (Yellow): 0

HMIS RATING Health (Blue): 1 Flammability (Red): 0 Reactivity (Yellow): 0

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS

Revision Changes Format changes and updated MSDS to reflect conditions at use (Sections 2,3,4,5,7, 9.10 and 13 were updated)

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 EHS Department of Diversified Chemical Technologies, Inc. and Subsidiaries