



**SAFETY DATA SHEET**

**Preparation Date:** Jun 15, 2017  
**Supersedes Date:** Nov 24, 2014

**Version Number:** 08

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFIER**

**Product Name** DCT Stainless Steel Cleaner and Polish  
**Product Use** Liquid Ready-to-Use  
**Product ID Number** DCT130130  
**PGP Number** 9-71

**RECOMMENDED USE AND RESTRICTIONS ON USE**

Cleaner & Polisher of Stainless Steel Equipment

**COMPANY IDENTIFICATION**

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

**EMERGENCY TELEPHONE NUMBER**

**24 Hour Emergency Phone Number (Health & Safety; Transportation)** CHEMTREC - (800) 424-9300

**SECTION 2 HAZARDS IDENTIFICATION**

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and Workplace Hazardous Materials Information System (WHMIS) 2015, and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

**GHS CLASSIFICATION**

Product has not been tested as a whole to determine its GHS classification. Hazard categories are based on individual ingredient hazard categories. Refer Section 16 for additional GHS Phrases.

Hazard Class	Hazard Category
N/A	N/A

**GHS LABEL ELEMENTS**

**Pictogram**

None

**GHS Signal Word**

**GHS Hazard Phrases**

No GHS phrases apply

**GHS Precaution and Response Phrases**

No GHS phrases apply

**GHS Storage and Disposal Phrases**

No GHS phrases apply

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**POTENTIAL HEALTH EFFECTS (Acute and Chronic)**

**Chronic:** Prolonged or repeated direct skin contact may cause dermatitis. Prolonged or repeated direct eye contact may cause conjunctivitis.

**Acute- Inhalation** May cause respiratory tract irritation

**Acute- Skin Contact** Causes skin irritation. May be harmful if absorbed through skin.

**Acute- Eye Contact** Causes eye irritation.

**Acute- Ingestion** Harmful if swallowed.

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

CAS Number	Ingredients*	Percentage Range
8042-47-5	Technical white oil* (regulated as mist only)	20 - 30
143-18-0	Oleic acid potassium salt	1 - 5

\*Identity of any other chemicals and/or exact percentage (concentration) has been withheld as a trade secret.

**SECTION 4 FIRST AID MEASURES**

**IN CASE OF INHALATION**

Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**IN CASE OF SKIN CONTACT**

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**IN CASE OF EYE CONTACT**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**IN CASE OF INGESTION**

Do NOT induce vomiting. If victim is conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

**SIGNS AND SYMPTOMS OF EXPOSURE**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been investigated

**NOTE TO PHYSICIAN**

Treat symptomatically and supportively. 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.

**SECTION 5 FIRE FIGHTING MEASURES**

<b>Flash Point</b>	>200 °F
<b>Flash Point Method</b>	PMCC

<b>Explosive Limits</b>	LEL: N/D	UEL: N/D
<b>Auto Ignition Point</b>	N/D	

**SUITABLE EXTINGUISHING MEDIA**

Use water spray, dry chemical, carbon dioxide, or chemical foam.

**FIRE FIGHTING INSTRUCTIONS**

As in any fire, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas.

**FLAMMABLE PROPERTIES AND HAZARDS**

No data available

**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.

**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 industrial use only. Keep out of reach of children.

**CONTAINMENT AND CLEANUP**

Avoid runoff into sanitary and storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions. Absorb spill with inert material and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

**SECTION 7**

**HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING**

Avoid contact with skin and eyes. Handle with care under full concentration. Wash skin thoroughly after handling.

**PRECAUTIONS TO BE TAKEN IN STORAGE**

Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Protect from freeze and high temperatures (>140 °F). Keep away from sparks, heat and flame.

**SECTION 8**

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

CAS #	Ingredients	OSHA TWA	ACGIH TWA	Other Limits
N/A	N/A	N/A	N/A	N/A

**ENGINEERING CONTROLS**

The level of ventilation necessary will vary depending upon potential exposure conditions. Adequate ventilation should be provided so that exposure limits are not exceeded. If heavy misting is present, local exhaust ventilation should be considered in addition to general mechanical ventilation.

**WORK/HYGIENIC/MAINTENANCE PRACTICES**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing separate from home laundry and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping. Do not store work clothing and protective equipment in the same locker as personal clothing.

**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.

**Respiratory Protection** None required under normal intended conditions of product use. However, 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.

**Hand Protection** None required under normal intended conditions of product use. If direct exposure is likely, wear appropriate protective gloves to prevent skin exposure. The types of gloves to be considered for this material include: **Nitrile/Latex**.

**Eye Protection** None required under normal intended conditions of product use. If direct exposure is likely, safety goggles or safety glasses are recommended. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

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**Skin and Body Protection** None required under normal intended conditions of product use. If direct exposure is likely, long-sleeved shirt and pants, at a minimum is recommended.

**OTHER PROTECTIVE EQUIPMENT** Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	White Emulsion	<b>Specific Gravity (water = 1)</b>	0.965 - 0.985
<b>Physical State</b>	Liquid	<b>Vapor Pressure</b>	N/D
<b>Odor</b>	Mild Citrus	<b>Viscosity</b>	N/AV
<b>pH</b>	7.8 - 8.2	<b>Evaporation Rate (water = 1)</b>	N/D
<b>Melting Point</b>	N/A	<b>Volatile Organic Compounds (%)</b>	3.5
<b>Boiling Point</b>	N/A	<b>Solubility in Water</b>	N/D

**SECTION 10 STABILITY / REACTIVITY**

<b>Chemical Stability</b>	<i>Unstable</i> [ ]	<i>Stable</i> [ X ]
<b>Conditions to Avoid</b>	N/AV	
<b>Reactivity / Incompatibility</b>	Strong oxidizing agents, strong acids, strong bases	
<b>Hazardous Decomposition</b>	Material does not decompose at ambient temperature	
<b>Hazardous Reactions</b>	<i>Will occur</i> [ ]	<i>Will not occur</i> [ X ]

**SECTION 11 TOXICOLOGICAL INFORMATION**

**CARCINOGENICITY**

Product is not tested for carcinogenicity. No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen, except as identified below;

**IARC:** Not Listed      **ACGIH:** Not Listed      **NTP:** Not Listed

**PRODUCT TOXICOLOGICAL DATA**

Product is not tested for classification under the following categories:

**LD50 (Oral), LC50 (Inhalation), Dermal Toxicity (Skin), Skin Corrosion/Irritation, Serious Eye Damage/Irritation, Respiratory/ Skin Sensitization, Germ Cell Mutagenicity, Carcinogenicity, Reproductive Toxicity, STOT-single exposure, STOR-repeated exposure, Aspiration Hazard**

**INGREDIENT TOXICOLOGICAL DATA**

None of the ingredients above 1% concentration (0.1% for carcinogens) trigger the hazard rating or classify under the following categories, unless indicated below;

**LD50 (Oral), LC50 (Inhalation), Dermal Toxicity (Skin), Skin Corrosion/Irritation, Serious Eye Damage/Irritation, Respiratory/ Skin Sensitization, Germ Cell Mutagenicity, Carcinogenicity, Reproductive Toxicity, STOT-single exposure, STOR-repeated exposure, Aspiration Hazard**

**SECTION 12 ECOLOGICAL INFORMATION**

<b>General Ecological Information</b>	N/AV.	<b>Persistence and Degradability</b>	N/AV
<b>Bioaccumulative Potential</b>	N/AV.	<b>Mobility in Soil</b>	N/AV

**SECTION 13 DISPOSAL CONSIDERATIONS**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Contact a licensed professional waste disposal service to dispose of this material. Preferred method of disposal is to dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

**Contaminated Packaging** Dispose of as unused product.  
**Empty Containers** Clean empty containers of any residue per 40CFR261.7 guidelines and either recycle containers or dispose of in normal trash.

**SECTION 14 TRANSPORT INFORMATION**

	LAND (US DOT)	MARINE (IMDG)	AIR (IATA)
<b>Proper Shipping Name</b>	Not regulated	Not regulated	Not regulated
<b>Hazard Class</b>	Not regulated	Not regulated	Not regulated
<b>ID Number</b>	Not regulated	Not regulated	Not regulated
<b>Packaging Group</b>	Not regulated	Not regulated	Not regulated

**Additional Information**

DOT Quantity Limitation: N/A

DOT Label for Limited Quantities: N/A

**SECTION 15 REGULATORY INFORMATION**

**EPA SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986) LISTS**  
[302 (EHS) TPQ, 304 RQ, 313 TRI]

None of the ingredients above 1% concentration (0.1% for carcinogens) are identified in the lists.

SARA TITLE III SECTION 311/312 CATEGORIZATION (40 CFR 370)	Yes	No
Acute (immediate) Health Hazard	X	
Chronic (delayed) Health Hazard		X
Fire Hazard		X
Sudden Release of Pressure Hazard		X
Reactive Hazard		X

**STATE AND OTHER US EPA REGULATIONS**

California Prop. 65 N/AP

**NATIONAL INVENTORIES**

TSCA	Yes
CAA HAP, ODC	No
CWA NPDES	No
CEPA (DSL/NDL)	Yes
KECI	N/D

AICS	N/D
IECSC	N/D
EINECS	N/D
ENCS	N/D
PICCS	N/D

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**SECTION 16**

**OTHER INFORMATION**

**NFPA RATING** Health (Blue): 1 Flammability (Red): 0 Reactivity (Yellow): 0 Specific Hazard(s) (White): None  
**HMIS RATING** Health (Blue): 1 Flammability (Red): 0 Reactivity (Yellow): 0 Personal Protective Equipment: A or B

**THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS**

Conversion from EU format MSDS to GHS format SDS; Ingredient/concentration  
08: SDS aligns with WHMIS 2015. No change in hazard classification & rating; Section 8 updates to personal protective equipment.

**USER RESPONSIBILITY** It is the user's responsibility to determine the suitability and adopt precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of this product.

**PREPARED BY**

*Environmental, Health and Safety Department of Diversified Chemical Technologies, Inc. and Subsidiaries*

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