

**S A F E T Y   D A T A   S H E E T**

Date Prepared: 10/14/2019 Replaces Version Prepared 2/20/2019

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Product Code:       MSDS429  
Product Name:       DX-50 (ECOLOGO FORMULA)  
                  ITEM CODES: ND32830, 406035

ECOLOGO ULE-2792 Certified Biological Surface Cleaner

24-hour Emergency Phone:                   (800) 535-5053

HMIS CODES H F R P  
                  1 0 0 B

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**DISTRIBUTED BY:**                   DAYCON PRODUCTS COMPANY, INC.  
                                  16001 TRADE ZONE AVE.  
                                  UPPER MARLBORO, MD 20774

**Recommended Use:** Biological surface cleaner.

**2. HAZARDS IDENTIFICATION**

Causes mild skin irritation. Causes eye irritation. If ingested, may irritate the mucous membranes.  
Ingestion may cause abdominal discomfort, nausea, vomiting and diarrhea.

**Hazard Classification: Skin Category 3**  
**Eye Category 2B: Mild Irritant**

**SIGNAL WORD:** Warning.

**HAZARD STATEMENTS:**

H316 Causes mild skin irritation.  
H320 Causes eye irritation.

**PRECAUTIONARY STATEMENTS:**

P264 Wash thoroughly after handling.  
P305, P351, P337, P313 **IF IN EYES:** Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.  
P332, P313 **If skin irritation occurs:** Get medical advice.

**Potential Health Effects**

**EYE:**

Eye irritant.

**SKIN:**

May cause irritation.

**INGESTION:**

May cause nausea, vomiting and stomach irritation.

**INHALATION:**

Prolonged inhalation may result in respiratory irritation.

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**CHRONIC (CANCER) INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

Not classified as a teratogen.

**REPRODUCTION INFORMATION:**

Does not harm reproductive cells.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Component/Exposure Limits</b>	<b>CAS#</b>	<b>% by Wt.</b>
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Viabile Bacteria Cultures	N/A	Proprietary
Ethoxylated Alcohol	Blend	< 5
Dodecyl benzene sulfonic acid	68584-22-5	< 5
Fragrance added	Proprietary blend	<0.5

**4. FIRST AID MEASURES**

**EYES:**

IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.

**SKIN:**

If skin irritation occurs: Get medical advice.

**INGESTION:**

Treat symptomatically. Get medical attention.

**INHALATION:**

Not likely to be a problem. If difficulty breathing remove to fresh air. If symptoms continue, seek medical advice.

**NOTE TO PHYSICIANS:**

NO INFORMATION AVAILABLE.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

**FLASH POINT: 93.9C/201F**                   **Method:**  
Greater than 200F. Not flammable.

**FLAMMABLE LIMITS:**

Lower flammable limit: N/A  
Upper flammable limit: N/A

**AUTOIGNITION TEMPERATURE:**

Not Applicable.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon, nitrogen and sulfur.

**EXTINGUISHING MEDIA:**

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Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment.

**FIREFIGHTING INSTRUCTIONS:**

Use self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

**LARGE SPILL:**

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material.

**7. HANDLING AND STORAGE**

**HANDLING:**

Keep containers closed when not in use.

**STORAGE:**

Keep containers covered. Avoid eye and prolonged skin contact. Store between 5°C - 35°C.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

None needed.

**RESPIRATORY PROTECTION:**

None Normally Needed.

**SKIN PROTECTION:**

Not normally needed.

**EYE PROTECTION:**

Chemical splash goggles with side shields recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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BOILING POINT: N/A  
MELTING POINT: Not applicable.  
VAPOR PRESSURE: NO INFORMATION AVAILABLE.  
VAPOR DENSITY: NO INFORMATION AVAILABLE.  
SOLUBILITY IN WATER: Emulsifies  
SPECIFIC GRAVITY: 1.015  
pH: 6.5-8.5  
ODOR: Cherry almond.  
APPEARANCE: Cloudy opaque liquid.

**10. STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY (CONDITIONS TO AVOID):**

Stable.

**INCOMPATIBILITY:**

Oxidizers, reducers, heat, alkalies, acids, disinfectants, and bleach.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None Known

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

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**EYE:**

NO INFORMATION AVAILABLE.

**SKIN:**

NO INFORMATION AVAILABLE.

**INGESTION:**

NO INFORMATION AVAILABLE.

**INHALATION:**

NO INFORMATION AVAILABLE.

**SUBCHRONIC:**

NO INFORMATION AVAILABLE.

**CHRONIC/CARCINOGENICITY:**

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Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

**REPRODUCTION:**

Not expected to effect human reproduction.

**MUTAGENICITY:**

Not mutagenic.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:**

If this product becomes a waste, it does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity.

**CHEMICAL FATE INFORMATION:**

Readily biodegradable.

**13. DISPOSAL CONSIDERATIONS**

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.

Dispose empty containers in accordance with applicable regulations.

**14. TRANSPORT INFORMATION (Not meant to be all inclusive)**

Not regulated.

**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent**

**U.S. FEDERAL REGULATIONS:**

NO INFORMATION AVAILABLE.

**OSHA:**

NO INFORMATION AVAILABLE.

**CERCLA: SARA HAZARD CATEGORY:**

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Not regulated.

**SECTION 313:**

Not Regulated.

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:**

NO INFORMATION AVAILABLE.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

NO INFORMATION AVAILABLE.

**EINECS:**

NO INFORMATION AVAILABLE.

**STATE REGULATIONS:**

NO INFORMATION AVAILABLE.

**VOLATILE ORGANIC COMPOUNDS:**

NO INFORMATION AVAILABLE.

**16. OTHER INFORMATION**

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**MSDS Status:**

Compliant with OSHA's new GHS safety data sheet.

Information in this Material Safety Data Sheet is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this Material Safety Data Sheet. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of PROCESS RESEARCH PRODUCTS, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.