

Date Prepared: 1/22/2019

Page: 1

Product Code:       MSDS482  
Product Name:       AFBC EPA REG. # 10324-85-12228  
                      ITEM CODE: ND32000, 417669

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

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              2 0 0 X

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**PRODUCT USE:** Disinfectant

**2. HAZARDS IDENTIFICATION**

WARNING. Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing.

**Hazard Classification Skin & Eyes: Cat. 2B Irritant**  
**Potential Health Effects**

**EYE:**  
Causes moderate eye irritation.

**SKIN:**  
Moderate irritant.

**INGESTION:**  
May cause nausea, vomiting and stomach irritation. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

**INHALATION:**  
Prolonged inhalation may result in respiratory irritation. Under normal conditions, using adequate ventilation no problems are expected.

**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**

Component/Exposure Limits	CAS#	% by Wt.
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Tetrasodium ethylenediamine tetraacetate	64-02-8	< 1
Lauryl dimethyl amine oxide	1643-20-5	< 3
Alkyl dimethyl (ethylbenzyl) ammonium chloride (C12-18)	68424-85-1	.034
Octyl decyl dimethyl ammonium chloride	32426-11-2	.026
Didecyl dimethyl ammonium chloride	7173-51-5	.013
Dioctyl dimethyl ammonium chloride	5538-94-3	.013
Monoethanolamine	141-43-5	.4
Glycerin	56-81-5	<.5

**4. FIRST AID MEASURES**

**EYES:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

**SKIN:**

Wash with soap and water. Immediately flush skin with water while removing contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing before reuse and discard contaminated shoes.

**INGESTION:**

If swallowed, Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT INDUCE vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**INHALATION:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIANS:**

All treatment should be based on observed signs and symptoms of distress. Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

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**FLAMMABLE PROPERTIES:**

**FLASH POINT: 99C 210F**                       **Method: Closed Cup**  
Greater than 200F. Not flammable.

**FLAMMABLE LIMITS:**

**Lower flammable limit: NIA (No Information Available)**  
**Upper flammable limit: NIA**

**AUTOIGNITION TEMPERATURE:**

Not Applicable.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon.

**EXTINGUISHING MEDIA:**

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

**FIREFIGHTING INSTRUCTIONS:**

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines. Wear full protective clothing, including self-contained positive pressure or pressure demand breathing apparatus, helmet, and protective clothing. Use water spray to cool fire-exposed containers and to protect personnel. Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool containers and fire affected zone until fire is out and danger of reignition as passed. Fight fire from protected location or safe distance.

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas.

**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. Keep out of sewer, streams, ponds, lakes, or other waterways.

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**7. HANDLING AND STORAGE**

**HANDLING:**

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Date Prepared: 1/22/2019

Page: 4

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**STORAGE:**

Keep containers covered. Take the usual chemicals handling precautions. Avoid contact with eyes, skin and clothing. Wear appropriate protective equipment. Wash thoroughly after handling. Do not take internally. Keep out of reach of children. Do not contaminate food or water by storage or disposal. Keep containers closed when not in use. Store in original containers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:**

Use local exhaust ventilation, or other engineering controls to keep airborne levels below recommended limits. Emergency showers and eyewash facilities should be in close proximity. Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product.

**RESPIRATORY PROTECTION:**

None Normally Needed. If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

**SKIN PROTECTION:**

Impervious Such As Neoprene or nitrile. Wear impervious gloves, safety apron, and clothing if there is a chance of skin contact with product.

**EYE PROTECTION:**

Chemical splash goggles with side shields recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**BOILING POINT:** 100C 212F  
**MELTING POINT:** Not applicable.  
**VAPOR PRESSURE:** NO INFORMATION AVAILABLE.  
**VAPOR DENSITY:** (Air=1): >1  
**SOLUBILITY IN WATER:** Soluble  
**SPECIFIC GRAVITY:** 1.012  
**pH:** 6-9  
**ODOR:** Perfume bouquet.  
**APPEARANCE:** Clear blue liquid.

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**10. STABILITY AND REACTIVITY**

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

Stable.

**INCOMPATIBILITY:**

Strong Mineral Acids. Strong oxidizing agents. May react with strong alkalies. Strong oxidizing agents. Keep away from heat, sparks, or open flame.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon, and sulfur may be emitted if product burns.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**EYE:**

Moderate eye irritant.

**SKIN:**

Direct contact may cause irritation.

**INGESTION:**

May cause nausea.

**INHALATION:**

Low acute inhalation toxicity.

**SUBCHRONIC:**

All components of this product are listed on the U. S. TSCA Inventory or exemption has been granted in accordance with 40 CFR 723.50.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

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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:**

OSHA 29 CFR 1910.1200 There is no calculable reportable quantity for this product.

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

Acute and chronic health hazard. Fire hazard.

**SECTION 313:**

Not regulated.

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**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.

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**16. OTHER INFORMATION**

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**MSDS Status:**

Compliant with OSHA's new GHS safety data sheet.

Information in this Safety Data Sheet (SDS) 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 SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of Daycon Products Company, Inc., 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.