

Product Code: MSDS023
Product Name: DX-55 Deodorizing Solution
 ITEM CODE: 575041

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

HMIS CODES H F R P
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTED BY:

DAYCON PRODUCTS COMPANY, INC.
16001 TRADE ZONE AVE.
UPPER MARLBORO, MD 20774

2. HAZARDS IDENTIFICATION

Warning. Vapors may cause drowsiness and dizziness. Irritating to the eyes. Signs and symptoms of irritation include burning sensation, redness, swelling, and/or blurred vision. Ingestion may lead to drunkenness, dizziness, and in severe cases alcohol poisoning.

Hazard Classification: Skin and Eye Category 2: Irritant

Potential Health Effects



EYE:

Eye irritant.

SKIN:

Unlikely to cause skin irritation or injury. Passage of this material into the body through the skin is possible, but it is unlikely that this would cause a harmful effect during safe handling and use. May cause dryness, defatting, and cracking.

INGESTION:

Ingestion may lead to drunkenness, dizziness, and in severe cases alcohol poisoning.

INHALATION:

Prolonged inhalation may result in respiratory irritation.

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.
Isopropyl alcohol	67-63-0	Not Regulated
OSHA PEL: 400 ppm; 980 mg/m3		
OSHA STEL: 500 ppm; 1225 mg/m3		
ACGIH TWA: 200 ppm		
ACGIH STEL: 400 ppm		
Sodium Lauryl ether sulfate	68585-34-2	Not Regulated
Essential Oils	Mixture	Not Regulated
Ethanol	64-17-5	1.64
ACGIH: 1000 ppm TWA		
NIOSH: 1000 ppm TWA; 1900 mg/m3 TWA		
OSHA - Final PELs: 1000 ppm TWA; 1900 mg/m3 TWA		

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.

INGESTION:

DO NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

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:

Causes central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Potential for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: This product is not flammable

Method: CLOSED CUP

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Not flammable, contains less than 20% alcohol.

FLAMMABLE LIMITS:

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

AUTOIGNITION TEMPERATURE:

NO INFORMATION AVAILABLE.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

EXTINGUISHING MEDIA:

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:

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines.

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.

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.

7. HANDLING AND STORAGE

HANDLING:

Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Do not handle near heat, sparks or flames. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing.

STORAGE:

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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

ENGINEERING CONTROLS:

When used as directed, no engineering controls are necessary. If used in an confined space and excess material is used, a source of ventilation may be required.

RESPIRATORY PROTECTION:

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.

EYE PROTECTION:

Chemical splash goggles with side shields recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 180.5 F
MELTING POINT: Not applicable.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: (Air=1): >1
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: .988
pH: 6.6 - 8.7
ODOR: Perfume bouquet.
APPEARANCE: Clear gold liquid.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Stable.

INCOMPATIBILITY:

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Strong oxidizing agents. Keep away from heat, sparks, or open flame.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, may be emitted if product burns.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE:

No Information Available.

SKIN:

No Information Available.

INGESTION:

No Information Available.

INHALATION:

No Information Available.

SUBCHRONIC:

No Information Available.

CHRONIC/CARCINOGENICITY:

Not classified as a carcinogen.

TERATOLOGY:

Not a teratogen.

REPRODUCTION:

Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

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ECOTOXICOLOGICAL INFORMATION:

Highly mobile in soil.

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. ALCOHOL CONTENT LESS THAN 20% IN WATER.

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

U.S. FEDERAL REGULATIONS:

OSHA 29 CFR 1910.1200

OSHA:

HAZCOM STANDARD

CERCLA: SARA HAZARD CATEGORY:

Fire hazard.

SECTION 313:

This product does not contain any components that is at or exceed the "de minimis" reporting level requirements established by SARA Title III, Section 313 and 40 CFR 372.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:

No Information Available.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

No Information Available.

EINECS:

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No information available.

STATE REGULATIONS:

No Information Available.

VOLATILE ORGANIC COMPOUNDS:

No Information Available.

16. OTHER INFORMATION

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 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.