

# MATERIAL SAFETY DATA SHEET

**Section 1 - Chemical Product & Company Identification**  
**Identity (As Used on Label and List):** Dal-Pro #12 O-Force  
**Product Class:** Water-based Hydrogen Peroxide Cleaner.  
**Emergency Telephone Number:** 800-255-3924  
**Telephone Number for Information:** 800-950-1975  
**Distributed By:**  
 Dalco  
 300 5th Ave NW  
 New Brighton, Minnesota 55112

**Section 2 - Composition/Information On Ingredients**

**Hazardous Components (Specific Chemical Identity):**

Chemical	Common Name(s)	%
A	Hydrogen Peroxide CAS #7722-84-1	6.0 - 7.0
B	Surfactant CAS # (Proprietary)	1 - 5
C	Fragrance CAS # (Proprietary)	< 0.5
D	Water CAS #7732-18-5	60 - 100

**Section 3 - Hazards Identification**

**Emergency Overview**  
**Appearance and Odor:** Clear liquid, Citrus Fragrance.  
**Primary Hazards:** Irritant

**Potential Health Hazards**  
**Route(s) of Entry:** Skin Absorption: Ingestion: X Inhalation:  
**Eye:** Irritant, may cause moderate eye damage.  
**Skin:** May cause irritation on contact.  
**Ingestion:** Irritating to the mouth and throat. May cause upset stomach.  
**Inhalation:** No hazardous vapors.  
**Signs and Symptoms of Exposure:** Irritation on direct contact.  
**Carcinogenicity:** NTP? No IARC Monographs? No  
 OSHA Regulated? No  
**Target Organ (s):** No additional data  
**Medical Conditions Generally Aggravated by Exposure:** N. Av.  
**Health Hazards, Chronic:** N. Av.

**Section 4 - First Aid Measures**

**Emergency and First Aid Procedures:**  
**If Swallowed:** If a person can swallow, give several glasses of water. Do not induce vomiting. Obtain immediate medical attention. **Eye Contact:** Flush eyes with running water for at least 15 minutes. Obtain immediate medical attention. **Skin Contact:** Flush with cool water. Remove and wash contaminated clothing before reuse. **For Inhalation:** Remove to fresh air. If irritation persists, get medical attention.  
**Sources Used:** Raw material data, general toxicology from trade for similar products.

**Section 5 - Fire Fighting Measures**

**Flammability:** No **Autoignition Temperature:** N. Ap.  
**Flash Point (method used):** None  
**Flammable Limits:** N. Ap. LEL UEL  
**Extinguishing Media:** N. Ap.  
 Water? x Foam? Water Fog?  
 Alcohol Foam? CO2? x Dry Chemical? x  
 Vaporizing Liquid? Other?  
**Special Fire Fighting Procedures:** N. Ap.  
**Unusual Fire and Explosion Hazards:** N. Av.  
**TDG Flammability Classification:** Non-flammable  
**Sensitivity to Mechanical Impact:** None  
**Sensitivity to Static Discharge:** None

**Section 6 - Accidental Release Measures**

**Steps to be Taken in Case Material is Released or Spilled:**  
 Dike and contain spill with inert material (sand, earth, etc). DO NOT use combustible absorbents. If spilled on wooden floor or other combustible material, flush with water. Thoroughly rinse affected area with water.

**Section 7 - Handling And Storage**

**Precautions to be Taken in Handling and Storing:**  
 Normal care in handling and storage. Do not store near strong reducing agents or heat.  
**Other Precautions:** Keep out of reach of children. Keep from freezing.

**Section 8 - Exposure Controls/Personal Protection**

**Respiratory Protection (Specify Types):** Not required  
**Ventilation:** Local Exhaust: Not required Special: Not required  
**Mechanical (General):** Normal good ventilation sufficient.  
**Other:** Not required  
**Protective Gloves:** Natural rubber or synthetic.  
**Eye Protection:** Approved safety goggles or glasses. **Footwear:** Not required  
**Other Protective Clothing or Equipment:** Not required  
**Work/Hygiene Practices:** Do not contaminate food or beverages with cleaning chemicals.

**Section 9 - Physical/Chemical Characteristics**

**Boiling Point:** Approximately 212°F  
**pH (Concentrated):** 1.7 - 3.0  
**pH (As used, diluted):** 5 - 7  
**% Volatile:** >90%  
**Odor Threshold:** N. Av.  
**Oil/Water Distribution Coefficient:** N. Av.  
**Specific Gravity (H2O) = 1:** 1.04  
**Vapor Density (Air = 1):** > 1  
**Evaporation Rate (Butyl Acetate = 1):** N. Av.  
**Solubility in Water:** Complete  
**Vapor Pressure (MM HG):** N. Av.  
**Melting Point:** N. Ap.

**Section 10 - Stability And Reactivity**

**Stability:** Unstable: Stable: X  
**Conditions to Avoid:** None Known.  
**Incompatibility (materials to avoid):** Strong Reducing Agents, Strong Alkalies, Sunlight  
**Hazardous Decomposition or By-products:** N. Av.  
**Hazardous Polymerization:** May occur: Will not occur: X  
**Conditions to Avoid:** N. Ap.

**Section 11 - Toxicological Information**

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	1 ppm	1 ppm	N. Av.	>2,000 mg/kg (mouse)	1,437.ppm (4 hours, rat)
B		10 mg/m3		1378 mg/kg (rat, Oral)	N. Av.
C	None	None	N. Av.	N. Av.	N. Av.
D	None	None	N. Av.	N. Av.	N. Av.

**Teratogen, Mutagen, Reproductive Toxin Status:** No  
**Toxicologically Synergistic Products:** N. Av.

**Section 12 - Ecological Information**

**Ecotoxicological Information:** N. Av.  
**Chemical Fate Information:** N. Av.

**Section 13 - Disposal Considerations**

**Waste Disposal Method:**  
 Neutralize and dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewer, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.  
**RCRA Hazard Class:** None

**Section 14 - Transport Information**

**Shipping Classification:** Compound, cleaning liquid, N.O.I.  
**UN Number:** N. Ap.  
**Packing Group:** N. Ap.

**Section 15 - Preparation Data**

**Prepared By:** Mike Elms  
**Telephone Number:** 651-481-1900  
**Date:** 7-10

**Section 16 - Regulatory Information**

**US Federal Regulations**  
**TSCA Status:** All ingredients listed.  
**CERCLA Reportable Quality:** None  
**SARA Title III**  
**Section 302 Extremely Hazardous Chemicals:** None  
**Section 311/312 Hazard Category:** Immediate health hazard  
**Section 313 Toxic Chemicals:** None  
**State Regulations**  
**NOTICE STATE OF CALIFORNIA**  
 Warning: This product may contain chemicals known to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.  
**International Regulations**  
**WHMIS Controlled Product Hazard Class:** N. Ap.

**Section 17 - Other Information**

None  
 N. Ap. - Not Applicable; N. Av. - Not Available

**NFPA SYSTEM**  
 1 A. Health Hazard 0 A. Fire Hazard 1 A. Reactivity Hazard

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