

# Material Safety Data Sheet

## Demotor

Date of Preparation: 7/13/16

Revision:

### Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Demotor  
**General Use:** Commercial Installation Solution

**Manufacturer:** DigiCut Systems  
7700 E. 38<sup>th</sup> Street  
Tulsa, Ok 74145

Phone: 918-622-4725 Fax: 918-622-7311 Hours of Operation: 8-5 Emergency Phone: 918-622-4725

### Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	%wt or %vol
Proprietary surfactants and wetting agents	Not specified	5
Isopropyl Alcohol	67-63-0	7
Distilled Water	7732-18-5	88

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Isopropyl Alcohol	400 ppm	500ppm	200 ppm	400 ppm		500 ppm	

### Section 3 - Hazards Identification

#### Emergency Overview

**Potential Health Effects:** Hazardous in case of eye contact (irritant). Of ingestion, of inhalation.  
Slightly hazardous in case of skin contact (irritant, sensitizer).

**Primary Entry Routes: Inhalation, eyes, skin.**

**Inhalation:** Not expected, however certain individuals may experience minor nausea or headaches.

**Eye:** This product is an eye irritant. Contact with the eyes may cause irritation.

**Skin:** Not expected, however prolonged contact may result in irritation.

**Ingestion:** May cause gastric distress, vomiting and diarrhea.

**Carcinogenicity:** IARC, NTP, and OSHA do not list Demotor as a carcinogen.

**Medical Conditions Aggravated by Long-Term Exposure:** Prolonged exposure may cause skin & eye irritation.

**Chronic Effects:** None known

<b>HMIS</b>	
<b>H</b>	1
<b>F</b>	3
<b>R</b>	0
<b>PPE: B Safety glasses, gloves</b>	

### Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air. Get medical attention if irritation persists.

**Eye Contact:** Flush eyes with large amounts of water for 15 minutes or until irritation subsides. Remove contact lenses. Hold eyelids apart to ensure thorough cleansing. Get medical attention.

**Skin Contact:** Flush exposed areas thoroughly with soap and water until all chemical is removed. Remove contaminated clothing and launder before reuse. If irritation persists, get medical attention.

**Ingestion:** DO NOT induce vomiting. DO NOT attempt to give anything by mouth to a drowsy or unconscious person. Get prompt medical attention.

## Section 5 - Fire-Fighting Measures

**Flash Point:** None.

**Flash Point Method:** Open Flame

**Autoignition Temperature:** 399°C

**Extinguishing Media:** CO<sub>2</sub>, foam, water spray or dry chemical.

**Unusual Fire or Explosion Hazards:** LEL: 2% UEL: 12% Lower Flammable Limit (% by volume): 2% Upper Flammable Limit (% by volume): 12.7%

**Fire-Fighting Instructions:** Use water spray to keep fire-exposed containers cool, to prevent rupture due to steam build-up. Do not release runoff from fire control methods to sewers or waterways.

**Fire-Fighting Equipment:**

## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** Shut off source of leak if safe to do so. Dilute with water.

**Spills:** Absorb spill with an inert dry material and place in appropriate waste disposal container.

**Containment:** For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

**Regulatory Requirements:** A spill may require an emergency release report under SARA, Title III (40 CFR, Part 355) and/or CERCLA (40 CFR, Part 300). Consult counsel for further guidance on state or local reporting requirements.

## Section 7 - Handling and Storage

**Handling Precautions:** Keep container closed when not in use; protect container from abuse. Avoid heat and sparks. Wear appropriate protective equipment when handling material.

**Storage Requirements:** Protect from freezing and storage in extreme temperatures.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:**

**Ventilation:** Provide general or local exhaust ventilation systems is recommended. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Respiratory Protection:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirators use.

**Protective Clothing/Equipment:** Wear chemical resistant gloves and wear chemical goggles to protect eyes.

**Safety Stations:** Make emergency eyewash stations and Safety Showers available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

## Section 9 - Physical and Chemical Properties

**Odor:** Off White liquid, with mild alcohol odor

**Odor threshold:** 22 ppm

**Vapor Pressure:** 33mm Hg at 68°F (20°C)

**Vapor Density (Air=1):** 2.1

**Specific Gravity (H<sub>2</sub>O=1):** 0.8

**Auto ignition Temperature:** 399°C

**Boiling Point:** 181 °F (83°C)

**Melting Point:** NA

**Flash Point:** 12°C Closed Cup

**Evaporation Rate(butyl acetate=1):**

**Solubility in Water:** Complete soluble

## Section 10 - Stability and Reactivity

**Stability:** Stable

**Polymerization:** Hazardous polymerization does not occur

**Chemical Incompatibilities:** Strong oxidizing agents. Acetylene. acids. hydrogen peroxide. Ethylene Oxide Sulfuric acid. Isocyanates. Aluminum

**Conditions to Avoid:** Avoid extreme temperatures. Do not mix with oxidizing agents. Do not heat solution in Aluminum. Solution can become explosive.

**Hazardous Decomposition Products:** Carbon monoxide, and unidentified organic compounds may be formed during combustion.

# DSP Installation Prep

## Section 11 - Toxicological Information

### Toxicity Data:\*

**Eye Effects:** Irritation  
**Skin Effects:** Irritation

**Acute Inhalation Effects:** No data available.  
**Acute Oral Effects:** May cause nausea, vomiting and stomach pain.  
**Chronic Effects:** None known

This product is considered non-toxic based on the chemical components. Contains proprietary surfactants & wetting agents.

\* See NIOSH for additional toxicity data.

## Section 12 - Ecological Information

**Ecotoxicity:** None known  
**Environmental Fate:** None known  
**Environmental Transport:** None known  
**Environmental Degradation:** None known

## Section 13 - Disposal Considerations

**Disposal:** Follow applicable federal, state and local regulations.  
**Disposal Regulatory Requirements:** Under EPA-RCRA (40CFR 261), If this product becomes a waste material, it is not a hazardous waste. Refer to latest EPA or state regulations regarding proper disposal.

## Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

**Shipping Name:** Non-hazardous  
**Hazard Class:** Not regulated  
**ID No.:** None  
**Packing Group:** Not regulated  
**Label:** ORM-D  
**Special Provisions (172.102):**  
None

**Packaging Authorizations**  
**a) Exceptions:**  
**b) Non-bulk Packaging:**  
**c) Bulk Packaging:**

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100-177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

## Section 15 - Regulatory Information

### EPA Regulations:

RCRA Hazardous Waste Number: None  
RCRA Hazardous Waste Classification (40 CFR 261.): None  
CERCLA Haz Sub (40 CFR 302.4): None  
CERCLA Reportable Quantity (RQ): None  
SARA 311/312 Codes: Does not meet any hazard category  
SARA Toxic Chemicals(40 CFR 372.65): None required per SARA TITLE III Section 313  
SARA EHS(Extremely Hazardous Substance)(40 CFR 355): Not listed, Threshold Planning Quantity(TPQ)

### OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed  
OSHA Specifically Regulated Substance (29CFR 1910): Not listed

**State Regulations:** None

## Section 16 - Other Information

Specific toxicity tests have been conducted on this mixture, Our hazard evaluation is based on that information and information from similar products, the ingredients, technical literature, and/or professional experience.

**Disclaimer:** The information given and the recommendations made herein apply to our product(s) alone and not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. Vendor assumes no responsibility for injury to a vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacture of the product as described in Section 1.