



## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CLEANER BLEND 300  
**Stock No.:** 19510  
**Manufacturer Name:** ITW Devcon  
**Address:** 30 Endicott Street  
 Danvers, MA 01923  
**General Phone Number:** (978) 777-1100  
**Emergency Phone Number:** (800) 424-9300  
**CHEMTREC:** For emergencies in the US, call CHEMTREC: 800-424-9300  
**Canutec:** In Canada, call CANUTEC: (613) 996-6666 (call collect)  
**MSDS Revision Date:** January 15, 2011  
**MSDS Format:** According to ANSI Z400.1-2004

HMIS	
Health Hazard	2*
Fire Hazard	2
Reactivity	1
Personal Protection	X

\* **Chronic Health Effects**

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
1-methoxy-2-propanol acetate	108-65-6	10 - 30 by weight
2-methoxy-1-propanol	1589-47-5	1 - 5 by weight
d-Limonene	5989-27-5	5 - 10 by weight
Non-hazardous ingredients.	N/A	10 - 30 by weight
Propylene glycol monomethyl ether	107-98-2	30 - 60 by weight

## SECTION 3 - HAZARDS IDENTIFICATION

**Emergency Overview:** WARNING! Flammable. Irritant.  
**Route of Exposure:** Eyes. Skin. Inhalation. Ingestion.  
**Potential Health Effects:**

**Eye:** Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury.

**Skin:** Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling.

**Inhalation:** Respiratory tract irritant. High concentration may cause dizziness, headache,

and anesthetic effects.

Ingestion:	Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.
Chronic Health Effects:	Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.
Signs/Symptoms:	Overexposure can cause headaches, dizziness, nausea, and vomiting.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system.
Aggravation of Pre-Existing Conditions:	Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

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## SECTION 4 - FIRST AID MEASURES

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Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact:	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

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## SECTION 5 - FIRE FIGHTING MEASURES

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Flammable Properties:	Flammable.
Flash Point:	104°F (40°C)
Flash Point Method:	Tag closed cup (TCC)
Auto Ignition Temperature:	Not determined.
Lower Flammable/Explosive Limit:	3.0%
Upper Flammable/Explosive Limit:	12%
Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Extinguishing Media:	Use carbon dioxide (CO <sub>2</sub> ) or dry chemical when fighting fires involving this material.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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<b>Personnel Precautions:</b>	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches, and waterways.
<b>Spill Cleanup Measures:</b>	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Collect spill with a non-sparking tool. Place into a suitable container for disposal. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Flammable, eliminate ignition sources. Vapors can form an ignitable mixture with air. . Vapors can flow along surfaces to distant ignition sources and flash back. Ventilate area. Use proper personal protective equipment as listed in section 8.
<b>Other Precautions:</b>	Pump or shovel to storage/salvage vessels.

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## SECTION 7 - HANDLING and STORAGE

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<b>Handling:</b>	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures. Do not reuse containers without proper cleaning or reconditioning.
<b>Storage:</b>	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, direct sunlight, and incompatible substances. Keep container tightly closed when not in use.
<b>Special Handling Procedures:</b>	Hazardous liquid or vapor residue may remain in emptied container. Do not reuse, heat, burn, pressurize, cut, weld, braze, solder, drill, grind, expose to sparks, flame, or ignition sources of empty containers without proper commercial cleaning or reconditioning.
<b>Hygiene Practices:</b>	Wash thoroughly after handling.

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## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

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<b>Engineering Controls:</b>	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
<b>Eye/Face Protection:</b>	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
<b>Skin Protection Description:</b>	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
<b>Respiratory Protection:</b>	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
<b>Other Protective:</b>	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

### EXPOSURE GUIDELINES

[Propylene glycol monomethyl ether](#) :

Guideline ACGIH:	100 ppm TLV-STEL: 150 ppm TLV-TWA: 100 ppm
Notes :	Only established PEL and TLV values for the ingredients are listed.

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.
Color:	Pale Amber.
Odor:	Ethereal.
Boiling Point:	212°F (100°C) initial
Melting Point:	Not determined.
Specific Gravity:	0.95
Solubility:	Appreciable.
Vapor Density:	>1 (air = 1)
Vapor Pressure:	12 mmHg @68°F
Percent Volatile:	100
Evaporation Rate:	<1 (butyl acetate = 1)
pH:	Not determined.
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	104°F (40°C)
Flash Point Method:	Tag closed cup (TCC)
Auto Ignition Temperature:	Not determined.
VOC Content:	840 g/L
Percent Solids by Weight	0

## SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### [1-methoxy-2-propanol acetate](#) :

RTECS Number:	AI8925000
Skin:	Administration onto the skin - Rabbit : >5 gm/kg [Details of toxic effects not reported other than lethal dose value]

**Ingestion:** Oral - Rat LD50: 8532 mg/kg [Details of toxic effects not reported other than lethal dose value]

[2-methoxy-1-propanol:](#)

**RTECS Number:** UB7645000

[d-Limonene:](#)

**RTECS Number:** GW6360000

**Skin:** Administration onto the skin - : >5 gm/kg [Details of toxic effects not reported other than lethal dose value]  
Administration onto the skin - Rabbit : >5000 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Administration onto the skin - Rabbit : 10 %/24H  
Administration onto the skin - Rat : 100 %/1H

**Ingestion:** Oral - Rat LD50: 4400 mg/kg [Behavioral - Changes in motor activity (specific assay) Lungs, Thorax, or Respiration - Respiratory depression Skin and Appendages - Hair]  
Oral - Mouse LD50: 5600 mg/kg [Behavioral - Changes in motor activity (specific assay) Lungs, Thorax, or Respiration - Respiratory depression Skin and Appendages - Hair]

[Propylene glycol monomethyl ether:](#)

**RTECS Number:** UB7700000

**Eye:** Eye - Rabbit Standard Draize test.: 500 mg/24H

**Skin:** Administration onto the skin - Rabbit : 13 gm/kg [Details of toxic effects not reported other than lethal dose value]  
Administration onto the skin - Rabbit : 455 mL/kg/13W (Intermittent) [Behavioral - General anesthetic Nutritional and Gross Metabolic - Weight loss or decreased weight gain Related to Chronic Data - death]  
Administration onto the skin - Rabbit : 900 mL/kg/90D (Intermittent) [Related to Chronic Data - death]  
Administration onto the skin - Rabbit : 500 mg

**Inhalation:** Inhalation - Rat LC50: 10000 ppm/5H [Details of toxic effects not reported other than lethal dose value]

**Ingestion:** Oral - Mouse LD50: 11700 mg/kg [Behavioral - Convulsions or effect on seizure threshold Behavioral - Ataxia Lungs, Thorax, or Respiration - Dyspnea]  
Oral - Rat LD50: 6600 mg/kg [Brain and Coverings - Other degenerative changes Behavioral - General anesthetic Lungs, Thorax, or Respiration - Dyspnea]

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## SECTION 12 - ECOLOGICAL INFORMATION

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**Ecotoxicity:** No ecotoxicity data was found for the product.

**Environmental Fate:** No environmental information found for this product.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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**Waste Disposal:** Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

**RCRA Number:** D001

**Important Disposal Information:** DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored. To avoid a

spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container.

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## SECTION 14 - TRANSPORT INFORMATION

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DOT Shipping Name: Flammable liquids, n.o.s.  
DOT UN Number: 1993  
DOT Hazard Class: 3  
DOT Packing Group: III  
IATA Shipping Name: Flammable liquid, n.o.s. (Propylene Glycol Monomethyl Ether), 3, UN 1993, PG III, ERG 128

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## SECTION 15 - REGULATORY INFORMATION

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1-methoxy-2-propanol acetate :

TSCA Inventory Status: Listed  
Canada DSL: Listed

2-methoxy-1-propanol :

TSCA Inventory Status: Listed  
Canada DSL: Listed

d-Limonene :

TSCA Inventory Status: Listed  
Canada DSL: Listed

Propylene glycol monomethyl ether :

TSCA Inventory Status: Listed  
Massachusetts: Listed: Massachusetts Oil and Hazardous List  
Pennsylvania: Listed  
Canada DSL: Listed  
Canadian Regulations: WHMIS Hazard Class(es): B3; D2B  
All components of this product are on the Canadian Domestic Substances List.

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## SECTION 16 - ADDITIONAL INFORMATION

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HMIS Health Hazard: 2\*  
HMIS Fire Hazard: 2  
HMIS Reactivity: 1  
HMIS Personal Protection: X  
MSDS Revision Date: January 15, 2011  
MSDS Author: Actio Corporation

Disclaimer: This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. The information given

in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment.

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