



## PRODUCT DATA SHEET

DoALL Sawing Products • 2375B Touhy Avenue, Elk Grove Village, IL 60007 • 888-DoALLSAW • www.doallsawing.com

### DO-KLEEN 3004

#### PRODUCT DESCRIPTION

DoALL DoKleen 3004 is an oil emulsifying cleaner designed for removing soils and oil from machinery and the manufacturing floor. It has been developed for use as an in-process cleaner and can be added directly to the old coolant in the sump and circulated for at least one hour. The old coolant is then discharged and the sump is recharged with fresh coolant. When used as a floor cleaner, it will work effectively in automatic floor scrubbers or with mop and bucket for effective cleaning in all areas of an industrial plant.

#### ATTRIBUTES

- Cleans most common metalworking fluid contaminants
- Lower pH enables compliance with waste stream restrictions
- Kills bacteria and removes fungus growth to provide a good starting point for longer sump life.
- Versatile cleaner that can be used as a sump cleaner and floor cleaner (excellent at emulsifying dirt and oil)
- Minimizes downtime for sump cleaning since it can be used in-process thus reducing production time losses

#### SPECIFICATIONS

Specific Gravity:	0.9920
pH (neat):	11.0
Solubility:	Water
Lbs./Gallon:	8.26
Appearance:	clear liquid

#### DIRECTIONS

- Normal usage is 5 ounces of mix per gallon as a sump cleaner. This amounts to roughly 2 gallons of cleaner per 50 gallon sump. For cleaning the machinery and walls, use at a less concentrated ratio of 40:1.
- When used as a floor cleaner, 40:1 is a typical guideline. For oil spills, use at a 30:1 ratio. For heavily soiled floors or areas that have thick, caked up residue, 15:1 may be required.

**Maintenance:** Maintain working solution at proper concentration with required additions of DoKleen 3004.

*Read Material Safety Data Sheet before using product*

Data in this Product Data Sheet is believed to be correct and reliable. However, the DoALL Company does not assume responsibility for it or any recommendations contained in it, inasmuch as conditions and methods of use are beyond our control. Further, we make no warranty, expressed or implied, of any kind regarding this product or its use, and purchaser assumes all risks of use or handling either in accordance with directions or not.

*Solutions For **ALL** Your Sawing Needs*



**DoALL Cutting Fluids**  
2375b Touhy Avenue  
Elk Grove Village, IL 60007  
Phone: 888/362-5572 x68916 • Fax: 847/803-1447

## MATERIAL SAFETY DATA SHEET

### I. CHEMICAL PRODUCT AND MANUFACTURER IDENTIFICATION

**PRODUCT NAME:** DOKLEEN 3004  
**PRODUCT CLASS:** CLEANING COMPOUND  
**MSDS NO.:** MS951  
**MANUFACTURER'S NAME:** DoALL COMPANY  
**ADDRESS:** 2375-B Touhy Ave., Elk Grove Village, IL 60007  
**EMERGENCY PHONE:** (800) 535-5053 (INFOTRAC)  
**GENERAL INFORMATION:** (888) 362-5572 x68916  
**REVISION DATE:** September 1, 2007

### II. HAZARDOUS INGREDIENTS IDENTIFICATION

OCCUPATIONAL EXPOSURE LIMITS				
INGREDIENTS	CAS #	OSHA PEL	ACGIH TLV	PERCENT
Ethylene Glycol Monobutyl ether	000111-76-2	25 ppm skin	25 ppm skin	-----
Sodium Hydroxide anhydrous	001310-73-2	ND	N.D	-----
Sodium Ethylene Diamine Tetra-acetate	64-02-8	N.D	N.D	-----

**NOTE:** This product is not considered hazardous under the law.

### III. PHYSICAL DATA

Boiling Point: 212-336°F  
Specific Gravity: .9920 (Water = 1)  
Vapor Pressure: ND  
Melting Point: NA  
Vapor Density: Is heavier than air (air = 1)  
Evaporation Rate: Is slower than Butyl Acetate (BuAc = 1)  
Solubility in Water: Soluble  
pH: 10.5 (@ 5%)  
Appearance: Clear Liquid  
Odor: Chemical

### IV. FIRE AND EXPLOSION DATA

**FLASH POINT:** NA  
**EXTINGUISHING MEDIA:** Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents

**FIRE FIGHTING PROCEDURES:** The extinguishing media agents mentioned may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire or circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. Wear SCBA gear in fire area.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NA

## **V. HEALTH HAZARD DATA**

### **ROUTES OF EXPOSURE AND EFFECTS OF OVER-EXPOSURE**

**INHALATION:** Breathing difficulty. Comprehensive exposure to mist may cause upper respiratory irritation.

**EYE CONTACT:** Minor irritation such as stinging sensation in the eye. Will burn and cause tissue damage if overexposed.

**SKIN CONTACT:** Prolonged or repeat exposure can irritate skin or burn skin. Reaction may be more severe if there is skin abrasion. Allergic sensitization in susceptible individuals is possible.

**INGESTION:** Systemic toxicity is low. Ingestion of small amounts can cause internal hemorrhage and kidney irritation. Large amounts can cause liver and kidney damage. Hypokalemia is also a probability. May cause discomfort, nausea, vomiting, diarrhea, if swallowed.

**CARCINOGENICITY:**

LISTED BY NTP: No

LISTED BY IARC: No

LISTED BY OSHA: No

### **EMERGENCY FIRST AID PROCEDURES**

**INHALATION:** Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available. If over exposed to oil mist, remove from further exposure until excessive oil mist condition subsides.

INGESTION: If ingested, DO NOT INDUCE VOMITING. Immediately seek medical attention.

EYE CONTACT: If splashed into the eyes, flush with clear water for 15 minutes lifting upper and lower lids until any discomfort subsides. Remove contact lenses if applicable. If irritation persists seek medical attention.

SKIN CONTACT: In case of skin contact, remove any contaminated clothing. Wash skin thoroughly with plenty of mild soap and flowing warm water only for a minimum of 15 minutes. Do not use harsh soap or solvent.

SKIN ABSORPTION: Seek medical attention.

## **VI. REACTIVITY DATA**

STABILITY: This product is stable and will not react violently with water.

INCOMPATIBILITY: Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite and acids

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon and Nitrogen. Ammonia vapors are liberated upon decomposition and such vapors are irritating to skin, eyes, and respiratory tract lining.

HAZARDOUS POLYMERIZATION: Will not occur.

## **VII. HANDLING PRECAUTIONS**

### **IN CASE OF ACCIDENTAL RELEASE:**

Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

SMALL SPILLS: Use absorbent material.

LARGE SPILLS: Dike and pump into drums.

WASTE DISPOSAL METHOD: Treat as an oily waste and dispose of in accordance with local, state, and federal regulations. Incinerate in an approved facility. Contains materials that are regulated by the EPA as hazardous waste as described in section 313.



Thrylene glycol monlbutyl ether

00011-76-2

15.0

SARA 311/312:

The Superfund Amendments and Reauthorization Act of 1989 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemicals by A Hazard Category as defined in 40 CFR 370.2.

SARA 313:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of an annual A Toxic Chemicals Release Inventory report under 40 CRF 372. Chemical substances that must be accounted for under SARA Section 313 must also be identified in all product MSDSs that are impacted by the regulation. No chemical components present in this product exceed the de minimus reporting level established under this statute.

TSCA:

All of the components of this product are listed on the Toxic Substance Control Act (TCSA) inventory.

## **X. HMIS**

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

## **XI. WHIMIS**

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

## **XII. Abbreviations and Symbols used in this MSDS**

NA Not Applicable < - Less Than

ND Not Determined > - Greater Than

BuAc Butyl Acetate

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