



PRODUCT DATA SHEET

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

DO-KLEEN 2007

PRODUCT DESCRIPTION

DoALL DoKleen 2007 is an effective cleaner designed for removing soils and metal fines from machinery and hard to reach places within the coolant reservoir system. It has been developed for use as an in-process conditioner and can be added directly to the old coolant in the sump on a weekly basis in order to restore the coolant and extend sump life.

ATTRIBUTES

- Effective for cleaning systems and removing the “rotten egg smell” sometimes associated with contaminated sumps
- Cleans most common metalworking fluid contaminants
- Loosens metal fines and other system debris to help minimize downtime during clean-outs.
- 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 regular use as a sump conditioner.
- Effective at restoring loose emulsions in soluble oil systems that are caused by tramp oil and bacteria growth.

SPECIFICATIONS

| | |
|-------------------|--------------|
| Specific Gravity: | 1.04 |
| pH (neat): | 10.5 |
| Solubility: | Water |
| Lbs./Gallon: | 8.7 |
| Appearance: | clear liquid |

DIRECTIONS

- Normal usage is 1 ounce of mix per gallon as a sump conditioner. This amounts to roughly 1/2 gallon 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 sump cleaner, add 8% of the cleaner to the coolant system and run during regular production for 3 hours prior to cleanout. Promptly discharge the coolant/cleaner mix and recharge with fresh coolant.

Maintenance: Maintain working solution at proper concentration with required additions of DoKleen 2007.

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 2007
PRODUCT CLASS: CLEANING COMPOUND
MSDS NO.: MS950
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 |
| Ethanolamine | 141-43-5 | 3ppm | 3ppm | ----- |
| Triethanolamine anhydrous | 102-71-6 | 3ppm | 5mg/m3 | ----- |

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

III. PHYSICAL DATA

Boiling Point: 212°F
Specific Gravity: 1.04 (Water = 1)
Vapor Pressure: NA
Melting Point: NA
Vapor Density: Is greater than air
Volatility Percent: 75
Solubility in Water: Soluble
pH: 9.5 (@ 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: None

V. HEALTH HAZARD DATA

ROUTES OF EXPOSURE AND EFFECTS OF OVER-EXPOSURE

INHALATION: Minor breathing difficulty. Comprehensive exposure to mist may cause upper respiratory irritation.

EYE CONTACT: Minor irritation such as stinging sensation in the eye.

SKIN CONTACT: Minor irritation to the skin if used as directed and good personal hygiene practiced, product is non corrosive.

INGESTION: Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury and possible death.

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.

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.

STORAGE: Store in a closed container in a cool place away from any fire source at <85°F.

OTHER PRECAUTIONS: Avoid breathing MIST.

VIII. PROTECTIVE MEASURES

VENTILATION: General mechanical ventilation should be adequate. If misting occurs, provide local ventilation. No smoking or open lights.

RESPIRATORY PROTECTION: Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES: The use of NEOPRENE gloves that are impermeable to oil is recommended.

EYE PROTECTION: Use safety goggles or face shield when eye contact may occur.

OTHER PROTECTION: An emergency shower and eyewash station should be available in the work area. Practice reasonable personal hygiene. Wash exposed skin with mild soap and warm water only. Oil-soaked clothing should be changed promptly and laundered before re-wearing. Removes contaminated shoes and thoroughly clean before reuse; discard if oil-soaked.

PERSONAL HYGIENE: Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with mild soap and warm water.

IX. REGULATION COMPLIANCE INFORMATION

CAA: Contains no ozone depleting substance.

DOT: Not classified as hazardous.

SARA: The material is not reportable under 313

SARA 302/304: The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). No chemical components present in this product exceed the de minimus reporting level established under this statute.

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 CFR 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 (TSCA) inventory.

X. HMIS

| | |
|---------------|-----|
| HEALTH: | 1 |
| FLAMMABILITY: | 0 |
| REACTIVITY | : 0 |

XI. WHIMIS

| | |
|---------------|---|
| HEALTH: | 1 |
| 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 | |

Data in this MSDS is believed to be correct and reliable. However, The DoALL Co. 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.