



SAWING PRODUCTS

PRODUCT DATA SHEET

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

DEFOAM

PRODUCT DESCRIPTION

Defoam is an organic (non-silicone) based defoam formulated for general-purpose use in soluble oil cutting and grinding fluids. Defoam is appropriate for use with DoALL soluble oil (Power-Cut™) cutting and grinding fluids. Defoam can be readily added tank-side to address foaming issues and prolong coolant life. Shake container well before using as some separation may occur during storage.

ATTRIBUTES

- Tank-side additive
- Prolong coolant life
- Reduces or eliminates foaming
- Use with DoALL soluble oil coolants
- Can be used with aqueous cleaners

TYPICAL PHYSICAL PROPERTIES

Appearance:	Viscous, white liquid
Weight/Gallon (25° C):	8.75 lbs/gal
pH:	7.0-8.5 (aqueous dilution)
Flash Point:	NA (has water in product)

DIRECTIONS

It is important not to overcharge a system with Defoam as it will render it ineffective in controlling foam.

Add tank-side @ 125-250 ppm for systems with heavy foaming issues.

Add tank-side @ 50-125 ppm for systems using DoALL soluble oil (Power-Cut) coolant with mild to moderate foaming issues.

Add tank-side @ 150-500 ppm for systems using DoALL semi-synthetic (Kool-ALL®) coolants.

Add tank-side @ 150-250 ppm for systems using DoALL synthetic (Kleen-Kool®) coolants.

For optimal coolant performance, it is important to maintain consistent coolant concentrations. Check concentration levels daily with a refractometer. Effort should be made to remove tramp oil contamination on a regular basis. Prevent the addition of other contaminants to the fluid system.

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

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Elk Grove Village, IL 60007

Phone: 888/362-5722 x68916 • Fax: 847/803-1447

MATERIAL SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND MANUFACTURER IDENTIFICATION

PRODUCT NAME: DEFOAM
PRODUCT CLASS: DEFOAMING AGENT
MSDS NO.: MS945
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
No Hazardous ingredients as defined by OSHA or EPA are present in DEFOAM. DEFOAM and all of its components are listed on the TSCA inventory and on the European Inventory EINECS.				

III. PHYSICAL DATA

Boiling Point: ND
Specific Gravity: 1.05 (Water = 1)
Vapor Pressure: ND
Melting Point: NA
Vapor Density: >1 (air = 1)
Evaporation Rate: 1.0 (BuAc =1)
Solubility in Water: Dispersible
pH: 7.0-8.5 (50% aqueous dilution)
Appearance: Off-white Liquid
Odor: None

IV. FIRE AND EXPLOSION DATA

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

FIRE FIGHTING PROCEDURES:

Use water stream or spray to cool containers and prevent vapor formation. Provide shields against fire-induced pressure rise rupture of containers. Wear SCBA gear in fire area.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Exposure to extreme heat builds up pressure in closed containers. Cool with water stream.

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.

INGESTION:

Practically non-toxic.

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:

No harmful effects expected. May cause some nausea. Consult a physician.

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: Not expected to occur. However, should irritation occur seek medical attention.

VI. REACTIVITY DATA

STABILITY: This product is stable and will not react violently with water. Avoid hot surfaces, flames and sparks.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon.

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 dry in a closed container in a cool place away from any fire source at <85°F

OTHER PRECAUTIONS: Store at room temperature avoid prolonged storage above 111°F, return to room temp and mix thoroughly before use.

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 work of work to minimize skin contact.
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. Remove 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:	ND
DOT:	NOT REGULATED
RCRA:	As received, not a hazardous waste material.
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 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

minimum reporting level established under this statute.

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

VOC: ND

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

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