



MATERIAL SAFETY DATA SHEET

SECTION I: CHEMICAL PRODUCT AND MANUFACTURING IDENTIFICATION

PRODUCT NAME: POWER-CUT®
PRODUCT CLASS: WATER SOLUBLE CUTTING FLUID
MSDS NO.: MS208

MANUFACTURER'S NAME: DOALL SAWING PRODUCTS, A DOALL COMPANY
ADDRESS: 2375 TOUHY AVENUE, ELK GROVE VILLAGE, IL 60007

EMERGENCY PHONE: (800) 535-5053 (INFOTRAC)
GENERAL INFORMATION: (888) 362-5572 EXT. 65047

PRIOR REVISION DATE: JANUARY 2013
CURRENT REVISION DATE: MARCH 2013

SECTION II: COMPOSITION / INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS				
INGREDIENTS	CAS #	OSHA PEL	ACGIH TLV	PERCENT
HYDROTREATED LIGHT NAPHTHENIC PETROLEUM DISTILLATES	64742-52-5	500 PPM	NONE DETERMINED	55-80
LUBRICATING OIL	64742-58-1	500 PPM	NONE DETERMINED	12-18
BASE STOCK	64742-65-0	500 PPM	NONE DETERMINED	6-12

SECTION III: HAZARD IDENTIFICATION

EFFECTS OF OVEREXPOSURE: INHALATION: SHORTNESS OF BREATH, DIZZINESS AND LIGHTEADEDNESS. EYE: CAN CAUSE IRRITATION. SKIN: SLIGHT IRRITATION AND CAN CAUSE DERMATITIS. INGESTION: MAY CAUSE CHEMICAL PNEUMONIA IF ASPIRATED INTO LUNG.

HMIS RATING:		NFPA RATING:	
HEALTH:	1	HEALTH:	1
FLAMMABILITY:	1	FLAMMABILITY:	1
PHYSICAL HAZARD:	1	REACTIVITY:	0
PERSONAL PROTECTION:	B		

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT.

ACUTE TOXICITY: NOT DETERMINED

EFFECTS OF OVEREXPOSURE:

EYE CONTACT: MINOR IRRITATION SUCH AS STINGING SENSATION IN THE EYE.

SKIN CONTACT: PROLONGED CONTACT MAY RESULT IN IRRITATION IF NOT USED AS DIRECTED. MAY AGGRAVATE EXISTING SKIN CONDITIONS WHERE FURTHER DEFATting OR SKIN PENETRATION COULD OCCUR. USE A BARRIER CREAM AS A TEMPORARY CONTROL MEASURE.

INHALATION: PROLONGED EXPOSURE TO MIST MAY CAUSE UPPER RESPIRATORY IRRITATION.

INGESTION: MAY CAUSE NAUSEA, VOMITIG, OR DIARRHEA IF SWALLOWED IN SMALL QUANTITIES.
CHRONIC HAZARDS: THERE ARE NO FORESEEABLE USES OF THE PRODCT THAT WOULD LEAD TO CHRONIC EXPOSURE.
CARCINOGENICITY: LISTED BY NTP, IARC, AND OSHA: NO

SECTION IV: FIRST AID INFORMATION

INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. GIVE OXYGEN IF BREATHING IS LABORED. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND IMMEDIATELY SEEK MEDICAL ATTENTION.
EYES: REMOVE CONTACT LENSES. FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 20 MINUTES. LIFTING UPPER AND LOWER LIDS OCCASIONALLY. SEEK MEDICAL ATTENTION.
SKIN: THOROUGHLY WASH EXPOSED SKIN WITH SOAP AND WATER.
IF SWALLOWED: DO NOT INDUCE VOMITTING. IMMEDIATELY DRINK TWO GLASSES OF WATER. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION.

SECTION V: FIRE FIGHTING INFORMATION

FLASH POINT: 315°F (ASTM D 92, COC)
EXTINGUISHING MEDIA: USE WATER SPRAY, CO2, DRY CHEMICAL, OR FOAM.
FIRE/EXPLOSION HAZARDS: PRODUCT CAN PRODUCE DENSE SMOKE FROM OILS BURNING.
FIREFIGHTING: 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.
FIRE EQUIPMENT: WEAR A FULL FACE POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS (NIOSH/MSHA) AND PROTECTIVE GEAR (SBCA) WHEN FIGHTING FIRE.

SECTION VI: SPILL OR LEAK PROCEDURES

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 ENTERSEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS.
SMALL SPILLS: USE ABSORBENT MATERIAL. SCRAPE UP MATERIAL AND PLACE IN A CHEMICAL WASTE CONTAINER. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
LARGE SPILLS: DIKE AHEAD OF SPILL FOR LATER DISPOSAL. DO NOT DISCHARGE EFFLUENT OF THIS PRODUCT INTO LAKES, STREAMS OR OTHER WATERS UNLESS IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
OTHER PRECAUTIONS: AVOID BREATHING MIST WHEN HANDLING CONCENTRATE.

SECTION VII: HANDLING AND STORAGE

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. STORE IN A CLOSED CONTAINER IN A COOL PLACE.

DO NOT STORE IN DIRECT SUNLIGHT, NEAR OPEN FLAMES/SPARKS OR AT TEMPERATURES EXCEEDING 85°F.

SECTION VIII: EXPOSURE CONTROLS

PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINE.

RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. WEAR PROTECTIVE EQUIPMENT RECOMMENDED FOR USE WITH CHEMICALS LISTED IN SECTION II.

CONTAMINATED EQUIPMENT/GEAR: LAUNDER ALL CONTAMINATED CLOTHING PRIOR TO RE-USE.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	CLEAR AMBER LIQUID
ODOR:	MILD PETROLEUM
BOILING POINT:	465°F
VAPOR PRESSURE:	NOT DETERMINED
MELTING POINT:	NOT APPLICABLE
VAPOR DENSITY:	> THAN 5 (AIR = 1)
EVAPORATION RATE:	NONE DETERMINED (BuAc = 1)
SPECIFIC GRAVITY:	0.948 (WATER = 1)
pH:	8.9 (AT 5%)
VOC:	NONE

SECTION X: STABILITY AND REACTIVITY

STABLE UNDER NORMAL CONDITIONS. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAMES.

AVOID CONTACT WITH STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, SULFUR, AND NITROGEN COMPOUNDS, HYDROGEN CHLORIDE.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR IN NORMAL CONDITIONS.

SECTION XI: TOXICOLOGY

NOT DETERMINED.

SECTION XII: ECOLOGICAL

NOT DETERMINED.

SECTION XIII: DISPOSAL

EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PARTIALLY FULL CONTAINERS ARE CONSIDERED HAZARDOUS WASTE AND MUST BE DISPOSED OF ACCORDINGLY. FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION XIV: TRANSPORTATION

DEPARTMENT OF TRANSPORTATION (DOT): NOT CLASSIFIED AS HAZARDOUS.

SECTION XV: REGULATORY

CERCLA

NO COMPONENTS OF THIS PRODUCT ARE PRESENT AT LEVELS THAT REQUIRE REPORTING UNDER 40 CFR 302.4.

SARA SECTION 311 AND 312 HAZARDOUS SUBSTANCES

THIS PRODUCT IS A HAZARDOUS SUBSTANCE AS DEFINED UNDER THE OSHA HAZARD COMMUNICATION STANDARD AND MAY BE REPORTABLE UNDER THE PROVISIONS OF SARA SECTIONS 311 AND 312.

ACCUTE HEALTH:	YES
CHRONIC HEALTH:	NO
FIRE:	NO
SUDDEN RELEASE OF PRESSURE:	NO
REACTIVE:	NO

SARA SECTION 313

NO CHEMICAL COMPONENTS PRESENT IN THIS PRODUCT EXCEED THE DE MINIMUS REPORTING LEVEL ESTABLISHED UNDER THIS STATUTE.

TOXIC SUBSTANCE CONTROL ACT (TSCA)

ALL OF THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY.

RCRA

THIS PRODUCT DOES NOT MEET THE DEFINITION OF A HAZARDOUS WASTE AS DEFINED UNDER 40 CFR 261.

CALIFORNIA PROPOSITION 65

NO PROPOSITION 65 CHEMICALS EXIST IN THIS PRODUCT.

RIGHT TO KNOW ACT

SEVERAL STATES HAVE ENACTED RIGHT-TO-KNOW LAWS. THESE LAWS REQUIRE INFORMATION THAT IS BEYOND THAT MANDATED BY FEDERAL LAWS. THEREFORE, AS SOME OF THESE LAWS ARE INCONSISTENT WITH MANDATED FEDERAL LAWS, THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET MAY NOT COMPLETELY MEET THE REQUIREMENTS OF EVERY STATE.

SECTION XVI: OTHER INFORMATION

INTENTIONAL MISUES BY DELIBERATELY CONCENTRATING VAPORS AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.

DATA IN THIS MATERIAL SAFETY 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. THE DATA PROVIDED ON THIS MATERIAL SAFETY DATA SHEET IS NOT MEANT TO BE USED AS SPECIFICATIONS, ONLY AS GUIDELINE INFORMATION AS TO THE SAFE USE OF THE PRODUCT. THE USER SHOULD REFER TO APPLICABLE LAWS BEFORE USE. THIS MATERIAL SAFETY DATA SHEET COMPLIES WITH GUIDELINES SET BY 29CFR1910.1200.