

SDS D2418

ITEM: 20JY68 - Lubricant, Drum, 55 gal., 25 VOC

DELIVERY: 6347782614

HU NUMBER: U993379892

SAFETY DATA SHEET (SDS)

This SDS should be attached or kept with the respective product with which it is associated.

SDS - D2418

Associated Grainger Items  
20JY68

10(R\*)  
MULTI-USE PRODUCT

WD-40 COMPANY

SAFETY DATA SHEET

CALIFORNIA CARB COMPLIANT

-----1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -----

TRADE NAME: WD-40 MULTI-USE PRODUCT BULK LIQUID (25% VOC)

PRODUCT USE:  
LUBRICANT, PENETRANT, DRIVES OUT MOISTURE, REMOVES AND PROTECTS SURFACES FROM CORROSION

RESTRICTIONS ON USE: NONE IDENTIFIED

MSDS DATE OF PREPARATION: 7/31/14

MANUFACTURER: WD-40 COMPANY

ADDRESS:  
1061 CUDAHY PLACE (92110)  
P.O. BOX 80607  
SAN DIEGO, CALIFORNIA, 92138 - 0607  
USA

TELEPHONE:

EMERGENCY ONLY: 1-888-324-7596 (PROSAR)

INFORMATION: 1-888-324-7596

CHEMICAL SPILLS:  
1-800-424-9300 (CHEMTREC)  
1-703-527-3887 (INTERNATIONAL CALLS)

-----2 - HAZARDS IDENTIFICATION -----

HAZCOM 2012/GHS CLASSIFICATION:  
FLAMMABLE LIQUID CATEGORY 3  
ASPIRATION TOXICITY CATEGORY 1

NOTE:  
1 GALLON SIZE PRODUCT IS A CONSUMER PRODUCT AND IS LABELED IN ACCORDANCE WITH THE US CONSUMER PRODUCT SAFETY COMMISSION REGULATIONS WHICH TAKE PRECEDENCE OVER OSHA HAZARD COMMUNICATION LABELING. THE ACTUAL CONTAINER LABEL WILL NOT INCLUDE THE LABEL ELEMENTS BELOW. THE LABELING BELOW APPLIES TO LARGER CONTAINERS SOLD FOR INDUSTRIAL/PROFESSIONAL USE.

LABEL ELEMENTS:  
FLAME  
HEALTH HAZARD

DANGER!

FLAMMABLE LIQUID AND VAPOR.  
MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

PREVENTION:  
KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, HOT SURFACES - NO SMOKING.  
KEEP CONTAINER TIGHTLY CLOSED.  
GROUND AND BOND CONTAINERS AND RECEIVING EQUIPMENT.  
USE EXPLOSION-PROOF ELECTRICAL EQUIPMENT.  
USE ONLY NON-SPARKING TOOLS.  
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
WEAR EYE PROTECTION.

RESPONSE:

IF SWALLOWED:  
IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.  
DO NOT INDUCE VOMITING.

IF ON SKIN (OR HAIR):  
TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER.

IN CASE OF FIRE:  
USE WATER FOG, DRY CHEMICAL, CARBON DIOXIDE OR FOAM TO EXTINGUISH.

STORAGE:  
STORE LOCKED UP.  
STORE IN A WELL-VENTILATED PLACE. KEEP COOL.

DISPOSAL:  
DISPOSE OF CONTENTS AND CONTAINER IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS.

-----3 - COMPOSITION/INFORMATION ON INGREDIENTS -----

INGREDIENT	CAS #	WEIGHT PERCENT	GHS CLASSIFICATION
ALIPHATIC HYDROCARBON	64742-47-8	40-50	ASPIRATION TOXICITY CATEGORY 1
ALIPHATIC HYDROCARBON	64742-47-8	<25	FLAMMABLE LIQUID CATEGORY 3 ASPIRATION TOXICITY CATEGORY 1
PETROLEUM BASE OIL	64742-56-9	<25	NOT HAZARDOUS
	64742-65-0		
	64742-53-6		

64742-54-7  
64742-71-8

NON-HAZARDOUS MIXTURE <10 NOT HAZARDOUS  
INGREDIENTS

NOTE: THE EXACT PERCENTAGES ARE A TRADE SECRET.

-----4 - FIRST AID MEASURES -----

INGESTION (SWALLOWED):  
ASPIRATION HAZARD. DO NOT INDUCE VOMITING. CALL PHYSICIAN, POISON CONTROL CENTER OR THE WD-40 SAFETY HOTLINE AT 1-888-324-7596 IMMEDIATELY.

EYE CONTACT:  
FLUSH THOROUGHLY WITH WATER. REMOVE CONTACT LENSES IF PRESENT AFTER THE FIRST 5 MINUTES AND CONTINUE FLUSHING FOR SEVERAL MORE MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT:  
WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ATTENTION.

INHALATION (BREATHING):  
IF IRRITATION IS EXPERIENCED. MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION OR OTHER SYMPTOMS DEVELOP AND PERSIST.

SIGNS AND SYMPTOMS OF EXPOSURE:  
MAY CAUSE EYE AND RESPIRATORY IRRITATION. INHALATION MAY CAUSE COUGHING, HEADACHE AND DIZZINESS. SKIN CONTACT MAY CAUSE DRYING OF THE SKIN.

INDICATION OF IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT NEEDED:  
IMMEDIATE MEDICAL ATTENTION IS NEEDED FOR INGESTION.

-----5 - FIRE FIGHTING MEASURES -----

SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA:  
USE WATER FOG, DRY CHEMICAL, CARBON DIOXIDE OR FOAM. DO NOT USE WATER JET OR FLOODING AMOUNTS OF WATER. BURNING PRODUCT WILL FLOAT ON THE SURFACE AND SPREAD FIRE.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:  
COMBUSTIBLE LIQUID AND VAPOR. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG SURFACES TO REMOTE IGNITION SOURCES AND FLASH BACK. COMBUSTION WILL PRODUCE OXIDES OF CARBON AND HYDROCARBONS.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:  
FIREFIGHTERS SHOULD ALWAYS WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

-----6 - ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:  
WEAR APPROPRIATE PROTECTIVE CLOTHING (SEE SECTION 8). ELIMINATE ALL SOURCES OF IGNITION AND VENTILATE AREA.

METHODS AND MATERIALS FOR CONTAINMENT/CLEANUP:  
CONTAIN AND COLLECT LIQUID WITH AN INERT ABSORBENT AND PLACE IN A CONTAINER FOR DISPOSAL. CLEAN SPILL AREA THOROUGHLY. REPORT SPILLS TO AUTHORITIES AS REQUIRED.

-----7 - HANDLING AND STORAGE -----

PRECAUTIONS FOR SAFE HANDLING:  
AVOID CONTACT WITH EYES. AVOID PROLONGED CONTACT WITH SKIN. AVOID BREATHING VAPORS OR AEROSOLS. USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS, HOT SURFACES AND OPEN FLAMES. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

CONDITIONS FOR SAFE STORAGE:  
STORE IN A COOL, WELL-VENTILATED AREA, AWAY FROM INCOMPATIBLE MATERIALS.  
NFPA 30 CLASS II LIQUID.

-----8 - EXPOSURE CONTROLS/PERSONAL PROTECTION -----

CHEMICAL	OCCUPATIONAL EXPOSURE LIMITS
LVP ALIPHATIC HYDROCARBON	1200 MG/M3 TWA (MANUFACTURER RECOMMENDED)
ALIPHATIC HYDROCARBON	1200 MG/M3 TWA (MANUFACTURER RECOMMENDED)
PETROLEUM BASE OIL	5 MG/M3 (INHALABLE) TWA ACGIH TLV 5 MG/M3 TWA OSHA PEL
NON-HAZARDOUS INGREDIENTS	NONE ESTABLISHED

THE FOLLOWING CONTROLS ARE RECOMMENDED FOR NORMAL CONSUMER USE OF THIS PRODUCT:

ENGINEERING CONTROLS: USE IN A WELL-VENTILATED AREA.

PERSONAL PROTECTION:

EYE PROTECTION:  
AVOID EYE CONTACT. SAFETY GLASSES OR GOGGLES RECOMMENDED.

SKIN PROTECTION:  
AVOID PROLONGED SKIN CONTACT. CHEMICAL RESISTANT GLOVES RECOMMENDED FOR OPERATIONS WHERE SKIN CONTACT IS LIKELY.

RESPIRATORY PROTECTION:  
NONE NEEDED FOR NORMAL USE WITH ADEQUATE VENTILATION.

FOR BULK PROCESSING OR WORKPLACE USE THE FOLLOWING CONTROLS ARE

RECOMMENDED:

ENGINEERING CONTROLS:

USE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW THAT OCCUPATIONAL EXPOSURE LIMITS.

PERSONAL PROTECTION:

EYE PROTECTION: SAFETY GOGGLES RECOMMENDED WHERE EYE CONTACT IS POSSIBLE.

SKIN PROTECTION: WEAR CHEMICAL RESISTANT GLOVES.

RESPIRATORY PROTECTION:

IF REQUIRED IF VENTILATION IS ADEQUATE. IF THE OCCUPATIONAL EXPOSURE LIMITS ARE EXCEEDED, WEAR A NIOSH APPROVED RESPIRATOR. RESPIRATOR SELECTION AND USE SHOULD BE BASED ON CONTAMINANT TYPE, FORM AND CONCENTRATION. FOLLOW OSHA 1910.134, ANSI Z88.2 AND GOOD INDUSTRIAL HYGIENE PRACTICE.

WORK/HYGIENE PRACTICES: WASH WITH SOAP AND WATER AFTER HANDLING.

-----9 - PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE: LIGHT AMBER LIQUID

FLAMMABLE LIMITS (SOLVENT PORTION):

LEL: 0.8%

UEL: 5.6%

ODOR: MILD PETROLEUM ODOR

VAPOR PRESSURE: 1 PSI @ 38 DEG. C (100 DEG. F) ASTM D323

ODOR THRESHOLD: NOT ESTABLISHED

VAPOR DENSITY: GREATER THAN 1 (AIR=1)

PH: NOT APPLICABLE

RELATIVE DENSITY: 0.8 - 0.82 @ 60 DEG. F

MELTING/FREEZING POINT: NOT ESTABLISHED

SOLUBILITIES: INSOLUBLE IN WATER

BOILING POINT/RANGE: 322 - 388 DEG. F (161 -198 DEG. C)

PARTITION COEFFICIENT; N-OCTANOL/WATER: NOT ESTABLISHED

FLASH POINT: 138 DEG. F (59 DEG. C) TAG CLOSED CUP

AUTOIGNITION TEMPERATURE: NOT ESTABLISHED

EVAPORATION RATE: NOT ESTABLISHED

DECOMPOSITION TEMPERATURE: NOT ESTABLISHED

FLAMMABILITY (SOLID, GAS): NOT APPLICABLE

VISCOSITY: 2.79-2.96 CST @ 100 DEG. F

206 GRAMS/LITER (25%)

POUR POINT: -63 DEG. C (-81.4 DEG. F) ASTM D-97

-----10 - STABILITY AND REACTIVITY -----

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID:

AVOID HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION.

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE.

-----11 - TOXICOLOGICAL INFORMATION -----

SYMPTOMS OF OVEREXPOSURE:

INHALATION:

HIGH CONCENTRATIONS MAY CAUSE NASAL AND RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS SUCH AS HEADACHE, DIZZINESS AND NAUSEA. INTENTIONAL ABUSE MAY BE HARMFUL OR FATAL.

SKIN CONTACT:

PROLONGED AND/OR REPEATED CONTACT MAY PRODUCE MILD IRRITATION AND DEFATTING WITH POSSIBLE DERMATITIS.

EYE CONTACT:

CONTACT MAY BE IRRITATING TO EYES. MAY CAUSE REDNESS AND TEARING.

INGESTION:

THIS PRODUCT HAS LOW ORAL TOXICITY. SWALLOWING MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. THIS PRODUCT IS AN ASPIRATION HAZARD. IF SWALLOWED, CAN ENTER THE LUNGS AND MAY CAUSE CHEMICAL PNEUMONITIS, SEVERE LUNG DAMAGE AND DEATH.

CHRONIC EFFECTS: NONE EXPECTED.

CARCINOGEN STATUS:

NONE OF THE COMPONENTS ARE LISTED AS A CARCINOGEN OR SUSPECT CARCINOGEN BY IARC, NTP, ACGIH OR OSHA.

REPRODUCTIVE TOXICITY:

NONE OF THE COMPONENTS IS CONSIDERED A REPRODUCTIVE HAZARD.

NUMERICAL MEASURES OF TOXICITY:

THE ORAL TOXICITY OF THIS PRODUCT IS ESTIMATED TO BE GREATER THAN 5,000 MG/KG AND THE DERMAL TOXICITY GREATER THAN 2,000 MG/KG BASED ON AN ASSESSMENT OF THE INGREDIENTS. THIS PRODUCT IS NOT CLASSIFIED AS TOXIC BY ESTABLISHED CRITERIA. IT IS AN ASPIRATION HAZARD.

-----12 - ECOLOGICAL INFORMATION -----

ECOTOXICITY:

NO SPECIFIC AQUATIC TOXICITY DATA IS CURRENTLY AVAILABLE, HOWEVER COMPONENTS OF THIS PRODUCT ARE NOT EXPECTED TO BE HARMFUL TO AQUATIC ORGANISMS

PERSISTENCE AND DEGRADABILITY: COMPONENT ARE READILY BIODEGRADABLE.

BIOACCUMULATIVE POTENTIAL:

BIOACCUMULATION IS NOT EXPECTED BASED ON AN ASSESSMENT OF THE INGREDIENTS.

MOBILITY IN SOIL: NO DATA AVAILABLE

OTHER ADVERSE EFFECTS: NONE KNOWN

-----13 - DISPOSAL CONSIDERATIONS -----

IF THIS PRODUCT BECOMES A WASTE, IT WOULD BE EXPECTED TO MEET THE CRITERIA OF A RCRA IGNITABLE HAZARDOUS WASTE (D001). HOWEVER, IT IS THE RESPONSIBILITY OF THE GENERATOR TO DETERMINE AT THE TIME OF DISPOSAL THE PROPER CLASSIFICATION AND METHOD OF DISPOSAL. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

-----14 - TRANSPORTATION INFORMATION -----

DOT SURFACE SHIPPING DESCRIPTION:

EXCEPTED FROM HAZMAT (49 CFR 173.150 (F)) IN NON-BULK PACKAGINGS.

BULK PACKAGINGS:

UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

IMDG SHIPPING DESCRIPTION: UN1268, PETROLEUM DISTILLATES, N.O.S. 3, PG III

ICAO SHIPPING DESCRIPTION: UN1268, PETROLEUM DISTILLATES, N.O.S. 3, PG III

NOTE:

WD-40 DOES NOT TEST CONTAINERS TO ASSURE THAT THEY MEET THE PRESSURE DIFFERENTIAL AND OTHER REQUIREMENTS FOR TRANSPORT BY AIR. WE DO NOT RECOMMEND THAT OUR PRODUCTS BE TRANSPORTED BY AIR.

-----15 - REGULATORY INFORMATION -----

U.S. FEDERAL REGULATIONS:

CERCLA 103 REPORTABLE QUANTITY:

THIS PRODUCT IS NOT SUBJECT TO CERCLA REPORTING REQUIREMENTS, HOWEVER, OIL SPILLS ARE REPORTABLE TO THE NATIONAL RESPONSE CENTER UNDER THE CLEAN WATER ACT AND MANY STATES HAVE MORE STRINGENT RELEASE REPORTING REQUIREMENTS. REPORT SPILLS REQUIRED UNDER FEDERAL, STATE AND LOCAL REGULATIONS.

SARA TITLE III:

HAZARD CATEGORY FOR SECTION 311/312: ACUTE HEALTH, FIRE HAZARD

SECTION 313 TOXIC CHEMICALS:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO SARA TITLE III

SECTION 313 REPORTING REQUIREMENTS: NONE

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (TPQ): NONE

EPA TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

ALL OF THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): THIS PRODUCT DOES NOT CONTAIN CHEMICALS REGULATED UNDER CALIFORNIA PROPOSITION 65.

VOC REGULATIONS:

THIS PRODUCT COMPLIES WITH THE CONSUMER PRODUCT VOC LIMITS OF CARB, THE US EPA AND STATES ADOPTING THE OTC VOC RULES.

CANADIAN ENVIRONMENTAL PROTECTION ACT:

ONE OF THE COMPONENTS IS LISTED ON THE NDSL. ALL OF THE OTHER INGREDIENTS ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST OR EXEMPT FROM NOTIFICATION.

CANADIAN WHMIS CLASSIFICATION: CLASS B-3 (COMBUSTIBLE LIQUID)

THIS MSDS HAS BEEN PREPARED ACCORDING TO THE CRITERIA OF THE CONTROLLED PRODUCTS REGULATION (CPR) AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.

-----16 - OTHER INFORMATION -----

HMIS HAZARD RATING:

HEALTH 1 (SLIGHT HAZARD)

FIRE HAZARD 2 (MODERATE HAZARD)

REACTIVITY 0 (MINIMAL HAZARD)

REVISION DATE: JULY 2014

SUPERSEDES: JUNE 2012

PREPARED BY:

INDUSTRIAL HEALTH & SAFETY CONSULTANTS, INC. SHELTON, CT, USA

APPROVED BY: I. KOWALSKI

REGULATORY AFFAIRS DEPT.

1022200/NO.0084602