

# Safety Data Sheet

## NON-DETERGENT SAE 30

### SECTION 1. MATERIAL AND COMPANY IDENTIFICATION

**PRODUCT NAME:** NON-DETERGENT SAE 30

**VERSION:** MARCH 2017

**MANUFACTURER:** PACIFIC FUNCTIONAL FLUIDS, LLC  
2244 PORT OF TACOMA ROAD  
TACOMA, WA 98421-3607

**CUSTOMER SERVICE:** 253-284-4302 / 888-586-7295

**EMERGENCY HEALTH AND SAFETY NUMBER:** CHEMTREC: 800-424-9300

### SECTION 2. HAZARDS IDENTIFICATION



#### WARNING

**HEALTH HAZARDS:** MAY BE HARMFUL IF INHALED.

**PRECAUTIONARY STATEMENTS:**

AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	EU NUMBER	CONCENTRATION (%)
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	265-157-1	100

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### SECTION 4. FIRST AID MEASURES

**INHALATION:**

REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

**EYES:**

IF SPLASHED INTO EYES FLUSH EYES WITH CLEAR WATER FOR FIVE (5) MINUTES.

**SKIN:**

WASH SKIN WITH SOAP AND WARM WATER. WASH CLOTHING BEFORE RE-USE.

**INGESTION:**

IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

### SECTION 5. FIREFIGHTING MEASURES

**FLASH POINT:** 405°F (207°C)

**PROTECTIVE EQUIPMENT/FIRE FIGHTING INSTRUCTIONS:**

FOR FIRES INVOLVING THIS MATERIAL, DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS.

**EXTINGUISHING MEDIA:**

USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE (CO<sub>2</sub>) TO EXTINGUISH FLAMES.

**SPECIAL FIREFIGHTING PROCEDURES:**

COOL EXPOSED CONTAINERS WITH WATER SPRAY.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

PRESSURE INCREASE IN OVER HEATED CLOSED CONTAINERS. COOL CONTAINERS WITH WATER SPRAY.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:**

REMOVE IGNITION SOURCES. RECOVER LIQUID. ADD ABSORBENT TO SPILL AREA. VENTILATE CONFINED SPACES. ADVISE AUTHORITIES IF PRODUCT ENTERS SEWERS, ETC.

**WASTE DISPOSAL:**

ASSURE CONFORMITY WITH APPLICABLE DISPOSAL REGULATIONS. DISPOSE OF ABSORBED MATERIAL AT APPROVED WASTE SITE.

**PRECAUTIONARY MEASURES:**

DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT TASTE OR SWALLOW. WASH THOROUGHLY AFTER HANDLING. AVOID CONTAMINATING SOIL OR RELEASING THIS MATERIAL INTO SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

### SECTION 7. HANDLING AND STORAGE

**HANDLING:**

EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (SOLID, LIQUID, AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE

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INJURY OR DEATH. EMPTY CONTAINERS SHOULD BE COMPLETELY DRAINED, PROPERLY CLOSED, AND PROMPTLY RETURNED TO A DRUM RE-CONDITIONER OR DISPOSED OF PROPERLY.

### STORAGE:

KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE WITH STRONG OXIDIZING AGENTS. DO NOT STORE AT ELEVATED TEMPERATURES.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### COMPONENT EXPOSURE LIMITS:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

ACGIH TLV: 5MG/M<sup>3</sup> (OIL MIST) TWA

OSHA PEL: 5MG/M<sup>3</sup> (OIL MIST) TWA

### ENGINEERING CONTROLS:

VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIMIT.

### EYE PROTECTION:

USE GOGGLES/FACE SHIELD TO AVOID EYE CONTACT.

### GLOVE PROTECTION:

USE IMPERVIOUS GLOVES TO AVOID REPEATED/PROLONGED SKIN CONTACT.

### WORK/HYGIENIC PRACTICES:

IF CLOTHING BECOMES CONTAMINATED, CHANGE TO FRESH CLEAN CLOTHING. DO NOT WEAR UNTIL THOROUGHLY LAUNDERED.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR:	DARK BROWN LIQUID WITH MILD HYDROCARBON ODOR.
ODOR THRESHOLD:	NO DATA AVAILABLE
PH:	NO DATA AVAILABLE
BOILING POINT:	WIDE RANGE
MELTING POINT:	NO DATA AVAILABLE
SOLUBILITY (H <sub>2</sub> O):	NEGLIGIBLE
SPECIFIC GRAVITY:	0.888 @ 15.6°C
DENSITY:	7.4 LBS/GAL
OCTANOL/H <sub>2</sub> O COEFF.:	NO DATA AVAILABLE
EVAPORATION RATE (BUAC=1):	<1
MOLECULAR WEIGHT:	NO DATA AVAILABLE
DECOMPOSTION TEMP:	NO DATA AVAILABLE
AUTO IGNITION:	NO DATA AVAILABLE
LOWER FLAMMABILITY LIMIT:	NO DATA AVAILABLE
FLASH POINT:	425°F (218°C)
UPPER FLAMMABILITY LIMIT:	NO DATA AVAILABLE
VAPOR DENSITY (AIR=1):	>1
VAPOR PRESSURE:	<1MMHG @ 20°C
VOC:	NILL
FLAMMABILITY CLASS:	NOT CLASSIFIED
VISCOSITY @ 40°C:	81CST (81 MM <sup>2</sup> /S)
VISCOSITY @ 100°C:	10.5CST (10.5 MM <sup>2</sup> /S)

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### SECTION 10. STABILITY AND REACTIVITY

**REACTIVITY:**

MATERIAL DOES NOT POSE A SIGNIFICANT REACTIVITY HAZARD.

**CHEMICAL STABILITY:**

STABLE.

**INCOMPATIBILITY/CONDITIONS TO AVOID:**

AVOID STRONG OXIDANTS.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

PARTIAL BURNING PRODUCES FUMES, SMOKE AND CARBON MONOXIDE.

### SECTION 11. TOXICOLOGICAL INFORMATION

**LIKELY ROUTES OF EXPOSURE:**

INGESTION, INHALATION, EYE CONTACT, SKIN CONTACT.

**ACUTE EFFECTS:**

INHALATION: HARMFUL IF INHALED. MAY CAUSE RESPIRATORY IRRITATION.

EYE CONTACT: EXPECTED TO BE MINIMAL/NO EYE IRRITATION.

SKIN CONTACT: EXPECTED TO BE MINIMAL/NO SKIN IRRITATION.

INGESTION: EXPECTED TO BE LOW INGESTION HAZARD.

**COMPONENT DATA/ ANALYSIS:**

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

ORAL (LD50) (RAT): ACUTE: >5000 MG/KG

INHALATION (LC50) (RAT): ACUTE: 2.18 MG/L (4HR)

DERMAL (LD50) (RABBIT): >5000 MG/KG

**SENSITIZATION:**

BASED ON BEST CURRENT INFORMATION, THERE ARE NO KNOWN HUMAN EFFECTS.

**CARCINOGENICITY:**

THERE IS NO KNOWN INFORMATION ON CARCINOGENIC COMPONENTS.

**MUTAGENICITY:**

NOT EXPECTED TO BE MUTAGENIC.

**REPRODUCTIVE TOXICITY:**

BASED ON BEST CURRENT INFORMATION, THERE ARE NO KNOWN HUMAN EFFECTS.

**TERATOGENICITY:**

BASED ON BEST CURRENT INFORMATION, THERE ARE NO KNOWN HUMAN EFFECTS.

### SECTION 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:**

AN ENVIRONMENTAL FATE ANALYSIS IS NOT AVAILABLE FOR THIS SPECIFIC PRODUCT. PLANTS AND ANIMALS MAY EXPERIENCE HARMFUL OR FATAL EFFECTS WHEN COATED WITH PETROLEUM PRODUCTS. PETROLEUM-BASED (MINERAL) LUBRICATING OILS NORMALLY WILL FLOAT ON WATER. IN STAGNANT OR

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SLOW-FLOWING WATERWAYS, AN OIL LAYER CAN COVER A LARGE SURFACE AREA. AS A RESULT, THIS OIL LAYER MIGHT LIMIT OR ELIMINATE NATURAL ATMOSPHERIC OXYGEN TRANSPORT INTO THE WATER. WITH TIME, IF NOT REMOVED, OXYGEN DEPLETION IN THE WATERWAY MAY BE SUFFICIENT TO CAUSE A FISH KILL OR CREATE AN ANAEROBIC ENVIRONMENT.

### **ENVIRONMENTAL FATE:**

ANALYSIS FOR ECOLOGICAL EFFECTS HAS NOT BEEN CONDUCTED ON THIS PRODUCT. HOWEVER, IF SPILLED, THIS PRODUCT AND ANY CONTAMINATED SOIL OR WATER MAY BE HARMFUL TO HUMAN, ANIMAL, AND AQUATIC LIFE. ALSO, THE COATING ACTION ASSOCIATED WITH PETROLEUM AND PETROLEUM PRODUCTS CAN BE HARMFUL OR FATAL TO AQUATIC LIFE AND WATERFOWL.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **WASTE DISPOSAL:**

ASSURE CONFORMITY WITH APPLICABLE DISPOSAL REGULATIONS. DISPOSE OF ABSORBED MATERIAL AT APPROVED WASTE SITE.

## **SECTION 14. TRANSPORT INFORMATION**

**ROAD AND RAIL:** DOT NOT REGULATED

**VESSEL:** IMDG NOT REGULATED

**AIR:** IATA NOT REGULATED

## **SECTION 15. REGULATORY INFORMATION**

### **TSCA INVENTORY:**

THIS PRODUCT AND/OR ITS COMPONENTS ARE LISTED ON THE TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY.

### **SARA 302/304 EMERGENCY PLANNING AND NOTIFICATION:**

NO COMPONENTS WERE IDENTIFIED.

### **SARA 311/312 HAZARD IDENTIFICATION:**

ACUTE (IMMEDIATE) HEALTH HAZARD

### **SARA 313 TOXIC CHEMICAL NOTIFICATION AND RELEASE REPORTING:**

NO COMPONENTS WERE IDENTIFIED.

### **CERCLA:**

NO COMPONENTS WERE IDENTIFIED.

### **CLEAN WATER ACT (CWA):**

THIS MATERIAL IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT (CWA) AND THE OIL POLLUTION ACT OF 1990 (OPA). DISCHARGES OR SPILLS WHICH PRODUCE A VISIBLE SHEEN ON WATERS OF THE UNITED STATES, THEIR ADJOINING SHORELINES, OR INTO CONDUITS LEADING TO SURFACE WATERS MUST BE REPORTED TO THE EPA'S NATIONAL RESPONSE CENTER AT (800) 424-8802.

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**CALIFORNIA PROPOSITION 65:**

THE PRODUCT DOES NOT CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR ANY OTHER REPRODUCTIVE HARM.

**NEW JERSEY RIGHT-TO-KNOW LABEL:**

PETROLEUM OIL

## SECTION 16. OTHER INFORMATION

HAZARD RANKINGS			
HMIS		NFPA	
HEALTH HAZARD	1	HEALTH HAZARD	1
FIRE HAZARD	1	FIRE HAZARD	1
PHYSICAL HAZARD	0	INSTABILITY/REACTIVITY	0
PERSONAL PROTECTION	B		

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