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MSDS

**Common Name:** VALVOLINE SAE 30 NON-DETERGENT MOTOR OIL**Manufacturer:** ASHLAND CHEMICAL**MSDS Revision Date:** 1/24/2008**Grainger Item Number(s):** 1UBY5**Manufacturer Model Number(s):**

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ASHLAND (R\*)

SAFETY DATA SHEET

VALVOLINE (R\*) SAE 30 NON-DETERGENT MOTOR OIL VV265

REVISION DATE: 01/24/2008

PRINT DATE: 3/6/2008

MSDS NUMBER: R0169702

VERSION: 1.4

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION



AND OF THE COMPANY/UNDERTAKING

ASHLAND  
P.O. BOX 2219  
COLUMBUS, OH 43216REGULATORY INFORMATION NUMBER: 1-800-325-3751  
TELEPHONE: 614-790-3333  
EMERGENCY TELEPHONE: 1-800-ASHLAND (1-800-274-5263)

PRODUCT NAME: VALVOLINE (R\*) SAE 30 NON-DETERGENT MOTOR OIL

PRODUCT CODE: VV265

PRODUCT USE DESCRIPTION: NO DATA

## 2. HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW:

APPEARANCE: LIQUID, AMBER

CAUTION!

PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN AND CAUSE IRRITATION AND BURNS.

POTENTIAL HEALTH EFFECTS:

ROUTES OF EXPOSURE: NO DATA

EYE CONTACT: UNLIKELY TO CAUSE EYE IRRITATION OR INJURY.

SKIN CONTACT:

MAY CAUSE MILD SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING AND CRACKING OF SKIN, AND SKIN BURNS.

INGESTION:

SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. THIS MATERIAL CAN GET INTO THE LUNGS DURING SWALLOWING OR VOMITING. THIS RESULTS IN LUNG INFLAMMATION AND OTHER LUNG INJURY.

INHALATION:

IT IS POSSIBLE TO BREATHE THIS MATERIAL UNDER CERTAIN CONDITIONS OF HANDLING AND USE (FOR EXAMPLE, DURING HEATING, SPRAYING, OR STIRRING). BREATHING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. BREATHING LARGE AMOUNTS MAY BE HARMFUL. SYMPTOMS ARE NOT EXPECTED AT AIR CONCENTRATIONS BELOW THE RECOMMENDED EXPOSURE LIMITS, IF APPLICABLE (SEE SECTION 8.).

AGGRAVATED MEDICAL CONDITION:

PREEXISTING DISORDERS OF THE FOLLOWING ORGANS (OR ORGAN SYSTEMS) MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL:  
SKIN, LUNG (FOR EXAMPLE, ASTHMA-LIKE CONDITIONS)

SYMPTOMS:

SIGNS AND SYMPTOMS OF EXPOSURE TO THIS MATERIAL THROUGH BREATHING, SWALLOWING, AND/OR PASSAGE OF THE MATERIAL THROUGH THE SKIN MAY INCLUDE: STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), ABDOMINAL PAIN

TARGET ORGANS: NO DATA

CARCINOGENICITY:

THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), THE NATIONAL TOXICOLOGY PROGRAM (NTP), OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). USED MOTOR OIL HAS BEEN SHOWN TO CAUSE SKIN CANCER IN LABORATORY ANIMALS CONTINUALLY EXPOSED BY REPEATED APPLICATIONS. AVOID PROLONGED OR REPEATED SKIN CONTACT.

REPRODUCTIVE HAZARD:

THERE ARE NO DATA AVAILABLE FOR ASSESSING RISK TO THE FETUS FROM MATERNAL EXPOSURE TO THIS MATERIAL.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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## Grainger MSDS Lookup

COMPONENTS	CAS-NO.	CONCENTRATION
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	>/=60-<70%
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	>/=10-<15%
PETROLEUM DISTILLATE	NJTS# 800986-5245P	>/=10-<15%

#### 4. FIRST AID MEASURES



##### EYES:

IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER WHILE HOLDING EYELIDS APART. IF SYMPTOMS PERSIST OR THERE IS ANY VISUAL DIFFICULTY, SEEK MEDICAL ATTENTION.

##### SKIN:

REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. LAUNDRY CLOTHING BEFORE REUSE.

##### INGESTION:

SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH THE HEAD DOWN. CONTACT A PHYSICIAN, MEDICAL FACILITY, OR POISON CONTROL CENTER FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

##### INHALATION:

IF SYMPTOMS DEVELOP, MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. KEEP PERSON WARM AND QUIET; SEEK IMMEDIATE MEDICAL ATTENTION.

##### NOTES TO PHYSICIAN:

##### HAZARDS:

ACUTE ASPIRATION OF LARGE AMOUNTS OF OIL-LADEN MATERIAL MAY PRODUCE A SERIOUS ASPIRATION PNEUMONIA. PATIENTS WHO ASPIRATE THESE OILS SHOULD BE FOLLOWED FOR THE DEVELOPMENT OF LONG-TERM SEQUELAE. REPEATED ASPIRATION OF SMALL QUANTITIES OF MINERAL OIL CAN PRODUCE CHRONIC INFLAMMATION OF THE LUNGS (I.E. LIPOID PNEUMONIA) THAT MAY PROGRESS TO PULMONARY FIBROSIS. SYMPTOMS ARE OFTEN SUBTLE AND RADIOLOGICAL CHANGES APPEAR WORSE THAN CLINICAL ABNORMALITIES. OCCASIONALLY, PERSISTENT COUGH, IRRITATION OF THE UPPER RESPIRATORY TRACT, SHORTNESS OF BREATH WITH EXERTION, FEVER, AND BLOODY SPUTUM OCCUR. INHALATION EXPOSURE TO OIL MISTS BELOW CURRENT WORKPLACE EXPOSURE LIMITS IS UNLIKELY TO CAUSE PULMONARY ABNORMALITIES.

TREATMENT: NO INFORMATION AVAILABLE.

#### 5. FIRE-FIGHTING MEASURES



##### SUITABLE EXTINGUISHING MEDIA:

WATER SPRAY, DRY POWDER, FOAM, CARBON DIOXIDE (CO2)

##### HAZARDOUS COMBUSTION PRODUCTS:

##### MAY FORM:

CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN AND PHOSPHORUS, HYDROCARBONS

##### PRECAUTIONS FOR FIRE-FIGHTING:

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE



PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. WEAR FULL FIREFIGHTING TURN-OUT GEAR (FULL BUNKER GEAR), AND RESPIRATORY PROTECTION (SCBA). DO NOT DIRECT A SOLID STREAM OF WATER OR FOAM INTO HOT, BURNING POOLS OF LIQUID SINCE THIS MAY CAUSE FROTHING AND INCREASE FIRE INTENSITY. FROTHING CAN BE VIOLENT AND POSSIBLY ENDANGER ANY FIREFIGHTER STANDING TOO CLOSE TO THE BURNING LIQUID.

FLAMMABILITY CLASS FOR FLAMMABLE LIQUIDS: COMBUSTIBLE LIQUID CLASS IIIB

## 6. ACCIDENTAL RELEASE MEASURES



### PERSONAL PRECAUTIONS:

FOR PERSONAL PROTECTION SEE SECTION 8. SPILLS OF THIS MATERIAL ARE VERY SLIPPERY.

### ENVIRONMENTAL PRECAUTIONS:

PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURRED.

### METHODS FOR CLEANING UP:

PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

### OTHER INFORMATION:

NOTIFY THE PROPER AUTHORITIES AS REQUIRED THAT A SPILL HAS OCCURRED. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

## 7. HANDLING AND STORAGE



### HANDLING:

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

STORAGE: NO DATA

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION



### EXPOSURE GUIDELINES:

HYDROTREATED LIGHT PARAFFINIC DISTILLATE 64742-55-8:

#### ACGIH:

TIME WEIGHTED AVERAGE: 5 MG/M3 MIST.

#### ACGIH:

SHORT TERM EXPOSURE LIMIT: 10 MG/M3 MIST.

#### ACGIH NIC:

TIME WEIGHTED AVERAGE: 0.2 MG/M3 INHALABLE FRACTION.

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC 64742-65-0:

#### OSHA Z1:

PERMISSIBLE EXPOSURE LIMIT: 500 PPM

#### OSHA Z1:

PERMISSIBLE EXPOSURE LIMIT: 2,000 MG/M3

OSHA Z1A:  
TIME WEIGHTED AVERAGE: 400 PPM

OSHA Z1A:  
TIME WEIGHTED AVERAGE: 1,600 MG/M3

US CA OEL:  
TIME WEIGHTED AVERAGE (TWA): 400 PPM  
PERMISSIBLE EXPOSURE LIMIT (PEL):

US CA OEL:  
TIME WEIGHTED AVERAGE (TWA): 1,600 MG/M3  
PERMISSIBLE EXPOSURE LIMIT (PEL):

ACGIH:  
TIME WEIGHTED AVERAGE: 5 MG/M3 MIST.

ACGIH:  
SHORT TERM EXPOSURE LIMIT: 10 MG/M3 MIST.

ACGIH NIC:  
TIME WEIGHTED AVERAGE: 0.2 MG/M3 INHALABLE FRACTION.

GENERAL ADVICE:  
THESE RECOMMENDATIONS PROVIDE GENERAL GUIDANCE FOR HANDLING THIS PRODUCT.  
PERSONAL PROTECTIVE EQUIPMENT SHOULD BE SELECTED FOR INDIVIDUAL  
APPLICATIONS AND SHOULD CONSIDER FACTORS WHICH AFFECT EXPOSURE POTENTIAL,  
SUCH AS HANDLING PRACTICES, CHEMICAL CONCENTRATIONS AND VENTILATION. IT IS  
ULTIMATELY THE RESPONSIBILITY OF THE EMPLOYER TO FOLLOW REGULATORY  
GUIDELINES ESTABLISHED BY LOCAL AUTHORITIES.

EXPOSURE CONTROLS:  
GENERAL ROOM VENTILATION SHOULD BE ADEQUATE FOR NORMAL CONDITIONS OF USE.  
HOWEVER, IF UNUSUAL OPERATING CONDITIONS EXIST, PROVIDE SUFFICIENT  
MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE  
BELOW EXPOSURE GUIDELINES (IF APPLICABLE) OR BELOW LEVELS THAT CAUSE KNOWN,  
SUSPECTED OR APPARENT ADVERSE EFFECTS.

EYE PROTECTION:  
NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. WEAR SPLASH-PROOF SAFETY  
GOGGLES IF MATERIAL COULD BE MISTED OR SPLASHED INTO EYES.

SKIN AND BODY PROTECTION:  
WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).  
WEAR NORMAL WORK CLOTHING INCLUDING LONG PANTS, LONG-SLEEVED SHIRTS AND  
FOOT COVERING TO PREVENT DIRECT CONTACT OF THE PRODUCT WITH THE SKIN.  
LAUNDER CLOTHING BEFORE REUSE. IF SKIN IRRITATION DEVELOPS, CONTACT YOUR  
FACILITY HEALTH AND SAFETY PROFESSIONAL OR YOUR LOCAL SAFETY EQUIPMENT  
SUPPLIER TO DETERMINE THE PROPER PERSONAL PROTECTIVE EQUIPMENT FOR YOUR  
USE.

RESPIRATORY PROTECTION:  
RESPIRATORY PROTECTION IS NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID

FORM: NO DATA

COLOR: AMBER

ODOR: NO DATA

BOILING POINT/BOILING RANGE: 575.00 DEG. F / 575 DEG. F @ 760.00 MMHg

pH: NO DATA

FLASH POINT (>)430.00 DEG. F / 221.11 DEG. C

EVAPORATION RATE: NO DATA

EXPLOSION LIMITS: NO DATA

VAPOR PRESSURE: NO DATA

VAPOR DENSITY: (<)1 (AIR=1)

DENSITY:

0.8890 G/CM3 @ 60.01 DEG. F / 15.56 DEG. C

7.39 LB/GAL 7.39 LB/GAL @ 60.00 DEG. F / 15.56 DEG. C 60.1 DEG. F /  
15.6 DEG. C

SOLUBILITY: NO DATA

PARTITION COEFFICIENT n-OCTANOL/WATER: NO DATA

AUTOIGNITION TEMPERATURE: NO DATA

## 10. STABILITY AND REACTIVITY



STABILITY: STABLE

CONDITIONS TO AVOID:

AVOID CONTACT WITH: EXCESSIVE HEAT

INCOMPATIBLE PRODUCTS:

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:

MAY FORM:

CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN AND  
PHOSPHORUS, HYDROCARBONS

HAZARDOUS REACTIONS: NO DATA

THERMAL DECOMPOSITION: NO DATA

## 11. TOXICOLOGICAL INFORMATION



ACUTE ORAL TOXICITY:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:  
LD50 RAT: >15 G/KG

PETROLEUM DISTILLATE:  
LD50 RAT: >5,000 MG/KG

ACUTE INHALATION TOXICITY:

ACUTE DERMAL TOXICITY:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:  
LD50 RABBIT: >5 G/KG

PETROLEUM DISTILLATE:  
LD50 RABBIT: >5,000 MG/KG

## 12. ECOLOGICAL INFORMATION



AQUATIC TOXICITY:  
ACUTE AND PROLONGED TOXICITY TO FISH: NO DATA  
ACUTE TOXICITY TO AQUATIC INVERTEBRATES: NO DATA

ENVIRONMENTAL FATE AND PATHWAYS: NO DATA

### 13. DISPOSAL CONSIDERATIONS



WASTE DISPOSAL METHODS:  
DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. FOR ASSISTANCE WITH YOUR WASTE MANAGEMENT NEEDS - INCLUDING DISPOSAL, RECYCLING AND WASTE STREAM REDUCTION, CONTACT ASHLAND DISTRIBUTION'S ENVIRONMENTAL SERVICES GROUP AT 800-637-7922.

### 14. TRANSPORT INFORMATION



DANGEROUS GOODS DESCRIPTIONS (IF INDICATED ABOVE) MAY NOT REFLECT PACKAGE SIZE, QUANTITY, END-USE OR REGION-SPECIFIC EXCEPTIONS THAT CAN BE APPLIED. CONSULT SHIPPING DOCUMENTS FOR DESCRIPTIONS THAT ARE SPECIFIC TO THE SHIPMENT.

### 15. REGULATORY INFORMATION



CALIFORNIA PROP. 65:  
PROPOSITION 65 WARNINGS ARE NOT REQUIRED FOR THIS PRODUCT BASED ON THE RESULTS OF A RISK ASSESSMENT.

SARA HAZARD CLASSIFICATION: ACUTE HEALTH HAZARD

CHRONIC HEALTH HAZARD:

SARA 313 COMPONENT(S):

	HMIS	NFPA
HEALTH	1	1
FLAMMABILITY	1	1
REACTIVITY	0	0
OTHER		

### 16. OTHER INFORMATION



THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES. THIS MSDS HAS BEEN PREPARED BY ASHLAND'S ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT (1-800-325-3751).