



## Material Safety Data Sheet

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### SECTION I - Material Identity

Item Name	
Part Number/Trade Name	AC 20W50 PETROLEUM BASED-LUBRICATING OIL
National Stock Number	9150PAC20W50
CAGE Code	81355
Part Number Indicator	A
MSDS Number	187747
HAZ Code	B

### SECTION II - Manufacturer's Information

Manufacturer Name	VALVOLINE CO
P.O. Box	14000
City	LEXINGTON
State	KY
Country	US
Zip Code	40512
Emergency Phone	800-424-9300 CHEMTREC
Information Phone	606-357-7847EMER 800-274-5263

### MSDS Preparer's Information

Date MSDS Prepared/Revised 28FEB96  
 Active Indicator Y

**Alternate Vendors**

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**SECTION III - Physical/Chemical Characteristics**

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Appearance/Odor	LIQUID, DRY, CLEAR AND BRIGHT
Boiling Point	425F 218.3C
Melting Point	NR
Vapor Pressure	NA
Vapor Density	ND
Specific Gravity	.891
Evaporation Rate	< ETHYL ETHER
Solubility in Water	NR
Chemical pH	NA
Container Pressure Code	1
Temperature Code	4
Product State Code	L

**SECTION IV - Fire and Explosion Hazard Data**

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Flash Point	450
Flash Point Method	COC
Lower Explosion Limit	NO DATA
Upper Explosion Limit	NO DATA
Extinguishing Media	REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special Fire Fighting Procedures	WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLE ENDANGER THE LIFE OF THE FIREFIGHTER. WEAR SCBA WITH FULL FACEPIECE IN POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT
Unusual Fire/Explosion Hazards	NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM BECAUSE PRODUCT CAN IGNITE EXPOSIVELY. (EVEN EMPTY)

**SECTION V - Reactivity Data**

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Stability	YES
Stability Conditions to Avoid	HIGH TEMPS
Materials to Avoid	STRONG OXIDIZING AGENTS

Hazardous Decomposition Products	CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF SULFUR, NITROGEN, PHOSPHORUS, VARIOUS HYDROCARBONS
Polymerization Conditions to Avoid	WILL NOT OCCUR

**SECTION VI - Health Hazard Data**

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	IRRITATION TO SKIN, EYE, RESPIRATORY SYSTEM
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NONE
Symptoms of Overexposure	[EYE] MILD IRRITATION, STINGING, TEARING, REDNESS. [SKIN] MILD IRRITATION. REDNESS, BURNING, DRYING, CRACKING SKIN BURNS. [INGEST] GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA. [INHAL] IRRITATION OF THROAT, RESPIRATORY TRACT,
Medical Cond. Aggravated by Exposure	PREEXISTING LUNG DISORDER, E.G. ASTHMA LIKE CONDITIONS. SKIN DISORDERS
Emergency/First Aid Procedures	[EYES] FLUSH WITH WATER, IF SYMPTOMS PERSIST OR VISUAL DIFFICULTY, SEEK MEDICAL ATTEN. [SKIN] REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTEN. LAUNDER CLOTHING BEFORE REUSE. [INGEST] DO NOT INDUCE VOMITING. GIVE ONE GLASS OF MILK OR WATER AND GET MEDICAL ATTENTION IMMEDIATELY. [INHAL] REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION

**SECTION VII - Precautions for Safe Handling and Use**

Steps if Material Released/Spilled	SMALL: ABSOR ON VERMICULTE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE: STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO
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Waste Disposal Method	SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT
Handling and Storage Precautions	IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS  CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED

**SECTION VIII - Control Measures**

Respiratory Protection	IF OIL MISTS ARE GENERATED ABOVE RECOMMENDED PEL/TLV, THEN NIOSH MSHA APPROVED RESPIRATOR IS ADVISED
Ventilation	NOT REQUIRED UNDER NORMAL CONDITIONS OF USE
Protective Gloves	NITRILE RUBBER
Eye Protection	SAFETY GLASSES OR CHEM SPLASH GOGGLES
Other Protective Equipment	WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS

**SECTION IX - Label Data**

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	NO
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	NO TARGET ORGANS LISTED FOR CHRONIC EXPOSURES

**SECTION X - Transportation Data**

Container Quantity	1
Unit of Measure	QT

**SECTION XI - Site Specific/Reporting Information**

Volatile Organic Compounds (P/G)	0
Volatile Organic Compounds (G/L)	0

**SECTION XII - Ingredients/Identity Information**

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Ingredient #	01
Ingredient Name	ALIPHATIC PETROLEUM DISTILLATES (83-93%)
CAS Number	64742650
Proprietary	NO
Percent	93
Ingredient #	02
Ingredient Name	DETERGENT/DISPERSANT ENGINE OIL PACKAGE (6-16%)
CAS Number	1003
Proprietary	NO
Percent	16.0
Ingredient #	03
Ingredient Name	(ZNCPD) ZINC COMPOUNDS
CAS Number	68649423
Proprietary	NO
Percent	1.06

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