
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

SECTION III - Physical/Chemical Characteristics

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

Flash Point	450
Flash Point Method	COC
Lower Explosion Limit	NO DATA
Upper Explosion Limit	NO DATA

Limit

Extinguishing Media REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special Fire WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLE
Fighting FACEPIECE IN POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN
Procedures 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 EXPOSITIVELY. (EVEN EMPTY)

SECTION V - Reactivity Data

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. PREEEXISTING LUNG DISORDER, E.G. ASTHMA LIKE CONDITIONS. SKIN
Aggrevated by Exposure DISORDERS
Emergency/First Aid [EYES] FLUSH WITH WATER, IF SYMPTOMS PERSIST OR VISUAL
DIFFICULTY, SEEK MEDICAL ATTEN. [SKIN] REMOVE CONTAMINATED

Procedures CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTN. LAUNDRER 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 Waste Disposal Method Handling and Storage Precautions

SMALL: ABSORB ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE: 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

IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED

SECTION VIII - Control Measures

Respiratory Protection Ventilation Protective Gloves Eye Protection Other Protective Equipment

IF OIL MISTS ARE GENERATED ABOVE RECOMMENDED PEL/TLV, THEN NIOSH MSHA APPROVED RESPIRATOR IS ADVISED

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE

NITRILE RUBBER

SAFETY GLASSES OR CHEM SPLASH GOGGLES

WEAR NORMAL WORK CLOTHING COVERING ARMS AND LEGS

SECTION IX - Label Data

Protect Eye Protect Skin Protect Respiratory Chronic Indicator Contact Code Fire Code Health Code React Code Specific Hazard and Precaution

YES YES YES NO SLIGHT UNKNOWN UNKNOWN UNKNOWN

NO TARGET ORGANS LISTED FOR CHRONIC EXPOSURES

SECTION X - Transportation Data

Container Quantity Unit of Measure

1 QT

SECTION XI - Site Specific/Reporting Information

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

0 0

SECTION XII - Ingredients/Identity Information

Ingredient # Ingredient Name

01 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