

Material Safety Data Sheet

SECTION I - Material Identity
 SECTION II - Manufacturer's Information
 SECTION III - Physical/Chemical Characteristics
 SECTION IV - Fire and Explosion Hazard Data
 SECTION V - Reactivity Data
 SECTION VI - Health Hazard Data
 SECTION VII - Precautions for Safe Handling and Use
 SECTION VIII - Control Measures
 SECTION IX - Label Data
 SECTION X - Transportation Data
 SECTION XI - Site Specific/Reporting Information
 SECTION XII - Ingredients/Identity Information

SECTION I - Material Identity

Item Name	
Part Number/Trade Name	SUPER HPO MOTOR OIL SAE 20W
National Stock Number	9150L400297F
CAGE Code	81355
Part Number Indicator	A
MSDS Number	179786
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	800-274-5263
Information Phone	606-357-7847

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	425 DEG F
Specific Gravity	.885
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
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 SELF CONTAINED BREATHING APPARATUS WITH FULL FACEP
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

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
Symptoms of Overexposure	EYE: MILD IRRITATION, STINGING, TEARING, REDNESS.

Medical Cond. Aggrevated by Exposure

Emergency/First Aid Procedures

SKIN: MILD IRRITATION.
 REDNES,, BURNING, DRYING,
 CRACKING SKIN BURNS. INGEST:
 GASTROINTESTINAL IRRITATION
 (NAUSEA, VOMITING, DIARRHEA
 PREEXISTING LUNG DISORDER,
 E.G. ASTHMA LIKE CONDITIONS.
 SKIN DISORDERS
 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. 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	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 SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT
Waste Disposal Method	IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS
Handling and Storage Precautions	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

Disposal Code COVERING ARMS AND LEGS
0

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	NO
Chronic Indicator	UNKNOWN
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

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

Ingredient #	01
Ingredient Name	ALIPHATIC PETROLEUM DISTILLATES
CAS Number	64742650
Proprietary	NO
Percent	94
Ingredient #	02
Ingredient Name	DETERGENT/DISPERSANT ENGINE OIL PACKAGE
CAS Number	1003
Proprietary	NO
Percent	16.0
Ingredient #	03
Ingredient Name	(ZNCPD) ZINC COMPOUNDS
CAS Number	68649423
Proprietary	NO
Percent	1.1

