

AMOCO OIL COMPANY -- 200 HEAVY DUTY MOTOR OIL SAE 20W-20 -- 9150-01-079-8310
===== Product Identification =====

Product ID:200 HEAVY DUTY MOTOR OIL SAE 20W-20

MSDS Date:04/14/1989

FSC:9150

NIIN:01-079-8310

MSDS Number: BLLXC

=== Responsible Party ===

Company Name:AMOCO OIL COMPANY

Address:200 EAST RANDOLPH DRIVE

City:CHICAGO

State:IL

ZIP:60601

Country:US

Info Phone Num:312-856-3907

Emergency Phon

e Num:800-447-8735 (HEALTH)

Preparer's Name:G.I.BRESNICK

CAGE:15958

=== Contractor Identification ===

Company Name:AMOCO OIL CO

Address:200 E RANDOLPH DR

Box:City:CHICAGO

State:IL

ZIP:60601-6401

Country:US

Phone:312-856-3907- EM HLTH: 800 447-8735

CAGE:15958

===== Composition/Information on Ingredients =====

Ingred Name:REFINED HEAVY PARAFFINIC DISTILLATES

CAS:64741-88-4

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ZINC

DIALKYL DITHIOPHOSPHATE (ZDDP)

CAS:68457-79-4

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RABBITS) IS >10G/KG ESTIMATED

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO OIL MIST POSES A RISK OF PULMONARY DISEASE SUCH AS CHRONIC LUNG INFLAMMATION. THIS CONDITI

ON IS USUALLY

ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS OF BREATH AND COUGH ARE THE MOST COMMON SYMPTOMS. ASPIRATION MAY LEAD TO CHEMICAL PNEUMONITIS.

Explanation of Carcinogenicity:IARC HAS DETERMINED THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY IN EXPERIMENTAL ANIMALS OF USED MOTOR OIL.

Effects of Overexposure:GENERALLY CONSIDERED MINIMALLY IRRITATING TO THE EYES AND MILDLY IRRITATING TO THE SKIN. PROLONGED AND REPEATED CONTACT MAY R

ESULT IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL AC NE. INHALATION OF VAPOR OR OIL MIST MAYCAUSE MILD UPPER RESPIRATORY TRACT IRRITATION. RELATIVELY NONTOXIC IF SWALLOWED.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

===== First Aid Measures =====

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTE

ENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.

EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: MAY ACT AS A LAXATIVE. DO NOT INDUCE VOMITING. RELATIVELY NON-TOXIC UNLESS ASPIRATED.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:=204.4C, 400.F

Autoignition Temp:Autoignition Temp Text:N

ONE

Extinguishing Media:AGENTS APPROVED FOR CLASS B HAZARDS (E.G., DRY CHEMICAL, CARBON DIOXIDE, HALOGENATED AGENTS, FOAM, STEAM) OR WATER FOG.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILL IMMEDIATELY.

DO NOT ALLOW SPILL

TO ENTER SEWERS OR WATERCOURSES, REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS, ETC.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME, OR OXIDIZING MATERIALS. COMBUSTIBLE LIQUID.

Oth

er Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES THAT CAN NOT BE DECONTAMINATED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES OR AN ATMOSPHERE-SUPPLYING RESPIRATOR IF REQUIRED.

PROTECTION IS NOT REQUIRED UNDER NORMAL USE CONDITIONS.

Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE. MECHANICAL EXHAUST RECOMMENDED IF USED IN ENCLOSED AREA.

Protective Gloves:CHEMICAL RESISTANT GLOVES (NITRILE BEST)

Eye Protection:WEAR CHEMICAL SAFETY GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING, APRON AND BOOTS AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DIRN

KING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING SURFACE WATERS OR ANY WATER COURSES OR SEWERS ENTERING/LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. 800-424-8602

===== Physical/Chemical Properties =====

HCC:V6

Spec Gravity:0.88

Viscosity:54-57SUS@210F

Solubility in Water:NEGLIGIBLE

Appearance

and Odor:PALE COLORED OILY LIQUID

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

===== Disposal Considerations =====

Waste Disposal Methods:WASTE MAY BE

BURNED IN AN APPROVED INCINERATOR

OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RECYCLE IF POSSIBLE.

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