

MATERIAL SAFETY
DATA SHEET

VALVOLINE OIL COMPANY
DIVISION OF ASHLAND OIL, INC.
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EMERGENCY
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008203

WATRLES HAND CL

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THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

PRODUCT NAME: WATRLES HAND CL
CAS NUMBER:

NAPA-DETROIT
8&F AUTO SUPPLY

PO BOX 459

TAYLOR

MI 48180

ATTN: PLANT MGR / SAFETY DIR.

08 70 000 0862919-005
DATA SHEET NO: 0177289-001
LATEST REVISION DATE: 12/84-84345
PRODUCT: 00005100
INVOICE: 012529
INVOICE DATE: 12/18/86
TO: 1100 STARKWEATHER
PLYMOUTH MI 48170

SECTION I-PRODUCT IDENTIFICATION

GENERAL OR GENERIC ID: DETERGENT

DOT HAZARD CLASSIFICATION: NOT APPLICABLE

SECTION II-COMPONENTS

IF PRESENT, IARC, NTP AND OSHA CARCINOGENS ARE IDENTIFIED IN THIS SECTION
SEE DEFINITION PAGE FOR CLARIFICATION

INGREDIENT	% (BY WT)	NOTE
CLEANING COMPOSITION	>60	

SECTION III-PHYSICAL DATA

PROPERTY	REFINEMENT	MEASUREMENT
BOILING POINT	UNAVAILABLE	
VAPOR PRESSURE	UNAVAILABLE	
SPECIFIC VAPOR DENSITY		HEAVIER THAN AIR
SPECIFIC GRAVITY		0.970 (68.00 DEG F 20.00 DEG C)
PERCENT VOLATILES		>60%
EVAPORATION RATE	(WATER = 1)	1.00

SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT(TOC) 270.0 DEG F
(132.2 DEG C)

EXPLOSIVE LIMIT UNAVAILABLE

EXTINGUISHING MEDIA: WATER FOG

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS,, CARBON DIOXIDE AND CARBON MONOXIDE, ETC.

FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLY ENDANGER THE LIFE OF THE FIREFIGHTER, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

SPECIAL FIRE & EXPLOSION HAZARDS: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

NFPA CODES: HEALTH- 1 FLAMMABILITY- 1 REACTIVITY- 0

SECTION V-HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: NOT ESTABLISHED FOR PRODUCT. SEE SECTION II.

EFFECTS OF ACUTE OVEREXPOSURE: FOR COMPONENT

EYES - CAN CAUSE MODERATE IRRITATION, REDNESS, TEARING.

SKIN - CAN CAUSE SLIGHT IRRITATION.

BREATHING - EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION.

SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

FIRST AID:

IF ON SKIN: NO PARTICULAR PROBLEM. CAN BE REMOVED FROM BODY BY SOAP AND WATER.

IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION.

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SECTION V-HEALTH HAZARD DATA (CONTINUED)

IF SWALLOWED, DO NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

IF BREATHED, REMOVE INDIVIDUAL TO FRESH AIR.

SECTION VI-REACTIVITY DATA

HAZARDOUS POLYMERIZATION; CANNOT OCCUR

STABILITY; STABLE

INCOMPATIBILITY; AVOID CONTACT WITH, STRONG OXIDIZING AGENTS.

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED;

SMALL SPILL; COLLECT IN BEAKER.

LARGE SPILL; ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. SCOOP INTO CONTAINERS.

WASTE DISPOSAL METHOD;

SMALL SPILL; FLUSH DOWN DRAIN WITH LARGE AMOUNTS OF WATER IN ACCORDANCE WITH APPLICABLE REGULATIONS.

LARGE SPILL; CONTAMINATED ABSORBENT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
DESTROY BY INCINERATION IN ACCORDANCE WITH APPLICABLE REGULATIONS.

SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION; NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

VENTILATION; NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

PROTECTIVE GLOVES; NOT REQUIRED UNDER NORMAL CONDITIONS OF USE

EYE PROTECTION; NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS

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 THIS DATASHEET MUST BE OBSERVED.

THE SPECIFIC CHEMICAL IDENTITY HAS BEEN WITHHELD AS A TRADE SECRET.

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.