



Division of Facilities Services

**DOD Hazardous Material Information (ANSI Format)
For Cornell University Convenience Only**

STIHL TWO-CYCLE ENGINE OIL

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**Section 1 - Product and Company Identification
STIHL TWO-CYCLE ENGINE OIL**

Product Identification: STIHL TWO-CYCLE ENGINE OIL
Date of MSDS: 05/04/1988 **Technical Review Date:** 09/14/1994
FSC: 9150 **NIIN:** LIIN: 00F008333
Submitter: FBT
Status Code: C
MFN: 02
Article: N
Kit Part: N

<http://msds.ehs.cornell.edu/msds/msdsdod/a222/m110804.htm>

Manufacturer's Information

Manufacturer's Name: SPECIALTY (WESTLAND) OIL COMPANY
Post Office Box: 8098
Manufacturer's Address1: 2740 VALLEYVIEW DR
Manufacturer's Address2: SHREVEPORT, LA 71148
Manufacturer's Country: US
General Information Telephone: 318-687-8000
Emergency Telephone: 318-688-1300/318-687-8000
Emergency Telephone: 318-688-1300/318-687-8000
MSDS Preparer's Name: N/P
Proprietary: N
Reviewed: Y
Published: Y
CAGE: 0A6L6
Special Project Code: N

Preparer Information

Preparer's Name: SPECIALTY (WESTLAND) OIL COMPANY
Preparer's Address1: 2740 VALLEYVIEW DR
Preparer's Address2: SHREVEPORT, LA 71148
Preparer's CAGE: 0A6L6
Assigned Individual: N

Contractor Information

Contractor's Name: SPECIALTY (WESTLAND) OIL COMPANY
Contractor's Address1: 2740 VALLEYVIEW DR
Contractor's Address2: SHREVEPORT, LA 71148
Contractor's Telephone: 318-687-8000
Contractor's CAGE: 0A6L6

Section 2 - Composition/Information on Ingredients
STIHL TWO-CYCLE ENGINE OIL

Ingredient Name: OIL PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY
PARAFFINIC
Ingredient CAS Number: 64742-65-0 **Ingredient CAS Code:** M
RTECS Number: PY8038500 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code: ---
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:

% Text: N/K
% Environmental Weight:
Other REC Limits: 5 MG/CUM
OSHA PEL: N/K **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: N/K **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical: N

Ingredient Name: PETROLEUM HYDROCARBONS, SOLVENT DEWAXED RESIDUAL OIL
(PETROLEUM) *94-3*

Ingredient CAS Number: 64742-62-7 **Ingredient CAS Code:** M

RTECS Number: **RTECS Code:** X

=WT: **=WT Code:**

=Volume: **=Volume Code:**

>WT: **>WT Code:**

>Volume: **>Volume Code:**

<WT: **<WT Code:**

<Volume: **<Volume Code:**

% Low WT: **% Low WT Code:**

% High WT: **% High WT Code:**

% Low Volume: **% Low Volume Code:**

% High Volume: **% High Volume Code:**

% Text: N/K

% Environmental Weight:

Other REC Limits: N/K

OSHA PEL: N/K **OSHA PEL Code:** M

OSHA STEL: **OSHA STEL Code:**

ACGIH TLV: N/K **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Ingredient Name: PROPRIETARY ADDITIVES

Ingredient CAS Number: **Ingredient CAS Code:** X

RTECS Number: **RTECS Code:** X

=WT: **=WT Code:**

=Volume: **=Volume Code:**

>WT: **>WT Code:**

>Volume: **>Volume Code:**

<WT: **<WT Code:**

<Volume: **<Volume Code:**

% Low WT: **% Low WT Code:**

% High WT: **% High WT Code:**

% Low Volume: **% Low Volume Code:**

% High Volume: **% High Volume Code:**

% Text: <10

% Enviromental Weight:
Other REC Limits: N/K
OSHA PEL: N/K **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: N/K **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical:

Ingredient Name: RESIDUAL OILS (PETROLEUM), HYDROTREATED *94-3*
Ingredient CAS Number: 64742-57-0 **Ingredient CAS Code:** M
RTECS Number: RTECS Code: X
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: N/K
% Enviromental Weight:
Other REC Limits: N/K
OSHA PEL: N/K **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: 5 MG/CUM **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical: N

Ingredient Name: SOLVENT REFINED HYDROTREATED HEAVY PARAFFINIC DISTILLATE, HYDROTREATED HEAVY PARAFFINIC DISTILLATE, LUBRICATING OIL.
Ingredient CAS Number: 64742-54-7 **Ingredient CAS Code:** M
RTECS Number: PY8035500 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: N/K
% Enviromental Weight:

Other REC Limits: N/K
OSHA PEL: 5 MG/CUM (MIST) **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: N/K **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical: N

Ingredient Name: STODDARD SOLVENT (PETROLEUM DISTILLATE), MINERAL SPIRITS
Ingredient CAS Number: 8052-41-3 **Ingredient CAS Code:** M
RTECS Number: WJ8925000 **RTECS Code:** M
=WT: =WT **Code:**
=Volume: =Volume **Code:**
>WT: >WT **Code:**
>Volume: >Volume **Code:**
<WT: <WT **Code:**
<Volume: <Volume **Code:**
% Low WT: % Low WT **Code:**
% High WT: % High WT **Code:**
% Low Volume: % Low Volume **Code:**
% High Volume: % High Volume **Code:**
% Text: <10
% Environmental Weight:
Other REC Limits: 525 MG/CUM
OSHA PEL: 500 PPM **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: 100 PPM **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview
STIHL TWO-CYCLE ENGINE OIL

Health Hazards Acute & Chronic: PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION, REMOVE OILS & LEAD TO DERMATITIS. EYES: MAY CAUSE IRRITATION. MINUTE AMOUNTS ASPIRATED INTO THE LUNGS BY VOMITING/INGESTION MAY CAUSE MILD TO SEVERE PULMONARY INJURY.

Signs & Symptoms of Overexposure:
IRRITATION

Medical Conditions Aggravated by Exposure:
EXISTING DERMATITIS

LD50 LC50 Mixture: ORAL LD50(RAT): >5G/KG

Route of Entry Indicators:

Inhalation: YES

Skin: NO

Ingestion: YES

Carcenogenicity Indicators

NTP: NO

IARC: NO

OSHA: NO

Carcinogenicity Explanation: NONE

Section 4 - First Aid Measures
STIHL TWO-CYCLE ENGINE OIL

First Aid:

EYES: FLUSH W/CLEAR WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER.
INHALATION: REMOVE FROM EXPOSURE. IF BREATHING IS IRREGULAR/HAS STOPPED
START CPR, ADMINISTER OXYGEN IF AVAILABLE. IF OVEREXPOSURE TO OIL MIST,
REMOVE FROM FURTHER EXPOSURE UNTIL EXCESSIVE OIL MIST CONDITIONS
SUBSIDES. INGESTION: ASPIRATION HAZARD. DON'T INDUCE VOMITING. OBTAIN
MEDICAL ATTENTION IN ALL CASES.

Section 5 - Fire Fighting Measures
STIHL TWO-CYCLE ENGINE OIL

Fire Fighting Procedures:

WATER/FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE-EXPOSED
CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM
EXPOSURES. (SEE SUPP)

Unusual Fire or Explosion Hazard:

EXPOSING CONTAINERS TO IGNITION SOURCES MAY CAUSE AN EXPLOSION.

Extinguishing Media:

FOAM, WATER SPRAY,(FOG), DRY CHEMICAL, CO2, VAPORIZING LIQUID TYPE AGENTS.

Flash Point: Flash Point Text: 175F

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): 0.9

Upper Limit(s): 7

Section 6 - Accidental Release Measures
STIHL TWO-CYCLE ENGINE OIL

Spill Release Procedures:

RECOVER FREE PRODUCT. ADD SAND, EARTH/OTHER SUITABLE ABSORBENT TO AREA.
MINIMIZE SKIN CONTACT. KEEP PRODUCT OUT OF SEWERS & WATERCOURSES BY
DIKING/IMPOUNDING.

Section 7 - Handling and Storage
STIHL TWO-CYCLE ENGINE OIL

Handling and Storage Precautions:**Other Precautions:**

Section 8 - Exposure Controls & Personal Protection
STIHL TWO-CYCLE ENGINE OIL

Respiratory Protection:

USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED/ENCLOSED SPACES, IF NEEDED.

Ventilation:

USE LOCAL EXHAUST TO CAPTURE VAPOR, MISTS/FUMES, IF NECESSARY. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:

CHEMICAL-RESISTANT

Eye Protection: SPLASH GOGGLES/FACE SHIELD

Other Protective Equipment: CHEMICAL RESISTANT APRON/IMPERVIOUS CLOTHING

Work Hygienic Practices: REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Health & Safety Information: SPECIAL FIRE FIGHTING PROCEDURES CONT'D: MINIMIZE BREATHING GASES, VAPOR, FUMES/DECOMPOSITION PRODUCTS. USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED/CONFINED SPACES. POUR POINT: -20F.

Section 9 - Physical & Chemical Properties
STIHL TWO-CYCLE ENGINE OIL

HCC:

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: N/K

Melting/Freezing Point: Melting/Freezing Text: (SUPP)

Decomposition Point: Decomposition Text: N/K

Vapor Pressure: <5 Vapor Density: >5

Percent Volatile Organic Content:

Specific Gravity: 0.881

Volatile Organic Content Pounds per Gallon:

pH: 7

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: (N-BU AC=1): 0.2

Solubility in Water: <0.1%

Appearance and Odor: DARK EMERALD GREEN LIQUID W/AMMONIA ODOR

Percent Volatiles by Volume: 8

Corrosion Rate: N/K

Section 10 - Stability & Reactivity Data

<http://msds.ehs.cornell.edu/msds/msdsdod/a222/m110804.htm>

STIHL TWO-CYCLE ENGINE OIL

Stability Indicator: YES

Materials to Avoid:

STRONG OXIDANTS, LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE/CALCIUM HYPOCHLORITE.

Stability Condition to Avoid:

HEAT, FLAME, SPARKS, STATIC ELECTRICITY & OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:

FUMES, SMOKE, CO, SULFUR OXIDES, ALDEHYDES & OTHER PRODUCTS OF INCOMPLETE COMBUSTION.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

N/K

**Section 11 - Toxicological Information
STIHL TWO-CYCLE ENGINE OIL**

Toxicological Information:

N/P

**Section 12 - Ecological Information
STIHL TWO-CYCLE ENGINE OIL**

Ecological Information:

N/P

**Section 13 - Disposal Considerations
STIHL TWO-CYCLE ENGINE OIL**

Waste Disposal Methods:

DISPOSE OF IAW/LOCAL, STATE & FEDERAL REGULATIONS. EMPTY CONTAINERS RETAIN RESIDUE & CAN BE DANGEROUS. DON'T ATTEMPT TO CLEAN. DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED & RETURNED TO A RECONDITIONER.

**Section 14 - MSDS Transport Information
STIHL TWO-CYCLE ENGINE OIL**

Transport Information:

N/P

**Section 15 - Regulatory Information
STIHL TWO-CYCLE ENGINE OIL**

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information
STIHL TWO-CYCLE ENGINE OIL

Other Information:

N/P

HAZCOM Label Information

Product Identification: STIHL TWO-CYCLE ENGINE OIL

CAGE: 0A6L6

Assigned Individual: N

Company Name: SPECIALTY (WESTLAND) OIL COMPANY

Company PO Box:

Company Street Address1: 2740 VALLEYVIEW DR

Company Street Address2: SHREVEPORT, LA 71148 US

Health Emergency Telephone: 318-688-1300/318-687-8000

Label Required Indicator: Y

Date Label Reviewed: 09/14/1994

Status Code: C

Manufacturer's Label Number: N/R

Date of Label: 09/14/1994

Year Procured: N/K

Organization Code: F

Chronic Hazard Indicator: Y

Eye Protection Indicator: YES

Skin Protection Indicator: YES

Respiratory Protection Indicator: YES

Signal Word: WARNING

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

8/8/2002 8:03:19 AM