

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Altra Special Form Oil MS-50
Synonyms: Solvent Diluted Form Oil
CAS Number: Proprietary

Company Identification

Allegheny Petroleum Products Co.
999 Airbrake Avenue
Wilmerding, PA 15148 USA
1-412-829-1990 (For product information)
1-800-424-9300 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
HYDROTREATED HEAVY NAPHTHENIC OIL	> 50.0 %	64742-52-5
STODDARD SOLVENT	< 50.0 %	8052-41-3
ADDITIVES	< 10.0 %	Proprietary

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:

This product does not contain any components required to be reported per the SARA Section 313.

HAZARDS DISCLOSURE

As defined under Sara 311 and 312, this product contains materials that are acute, chronic, fire hazards.

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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* CAUTION
*
* COMBUSTIBLE. Vapors are heavier than air and may
* ignite. Can cause severe lung damage and may be
* fatal if swallowed. May cause central nervous
* system depression.
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*****
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HMIS Rating - Health: 1
Flammability: 2
Reactivity: 0

POTENTIAL HEALTH EFFECTS

EYE:

May be irritating to the eyes.

SKIN:

May cause skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Contact with hot product may cause thermal burns. Contact a physician in case of extensive contact with hot material.

INHALATION:

Breathing of high vapor concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.

INGESTION:

May be harmful if swallowed. Liquid can be aspirated into lungs when swallowed or vomited. Serious lung damage and/or potentially fatal chemical pneumonia can develop if this occurs.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

In case of contact, remove any contact lenses if worn. Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

(section 4 continued)

SKIN CONTACT FIRST AID:

Wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

INHALATION FIRST AID:

Remove to fresh air.

If not breathing, or having difficulty breathing, or experiencing tightness of the chest, dizziness, vomiting or is unresponsive, give oxygen and administer CPR as required and seek immediate medical attention.

INGESTION FIRST AID:

Do NOT induce vomiting, but have the victim rinse his mouth with water several times. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical attention if large quantities have been swallowed or if symptoms develop.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: > 43.3 C (> 109.9 F)
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA:

Carbon dioxide, foam, or dry powder. Do not use water, because this product is petroleum based. Water may cause frothing which can re-ignite or spread the fire.

FIRE & EXPLOSION HAZARDS:

Can burn in fire, releasing toxic vapors, fumes, and smoke, including carbon monoxide.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTIBLE LIQUID. Evacuate all non-emergency personnel. Containers exposed to heat from fires should be cooled with large quantities of water to prevent weakening of container structure.

COMBUSTION PRODUCTS:

Hazardous decomposition products are oxides of carbon and nitrogen including CO and CO₂.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment (See Section 8). Evacuate non-emergency personnel to a safe area.

If applicable, report spills to the proper environmental agencies as required by federal, state and local regulations.

INITIAL CONTAINMENT:

Combustible. Eliminate all sources of ignition - heat, sparks, flame, electricity, and impact. Contain spilled material with dikes or absorbents. Do not allow material to enter soil, surface water or sewer system. If possible, try to contain floating material.

LARGE SPILLS PROCEDURE:

Contain spilled material. Vacuum or sweep up material and place in a disposal container. Absorb residue with inert material (e g, dry sand or earth), then place in a chemical waste container. Do not flush to sewer.

SMALL SPILLS PROCEDURE:

Contain spilled material. Absorb with inert material and place in disposal container.

MISCELLANEOUS:

Treat or dispose of in accordance with all federal, state, and local requirements.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling. Keep away from food and drinking water.

HANDLING (PHYSICAL ASPECTS):

Hot surfaces may ignite the product. Vapors are heavier than air, so they may travel across the ground and reach remote ignition sources. Static electricity may accumulate and create a fire hazard. Bond and ground handling equipment and transfer containers to prevent sparking. Secure container after each use. Store in a cool, dry, secure area. Keep out of reach of children.

Avoid contact with strong oxidizing agents.

Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of.

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

(section 7 continued)

STORAGE PRECAUTIONS:

Store in a cool dry place, in a tightly closed container. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

EYE / FACE PROTECTION REQUIREMENTS:

When splashing of the material may occur, chemical goggles and/or a face shield are recommended.

SKIN PROTECTION REQUIREMENTS:

Where contact is likely, wear chemical resistant gloves, boots and suit, depending on potential exposure.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required. If high vapor concentrations or mists are produced, local ventilation may be required to keep exposure below limits.

Respirator types to consider include Air-Purifying Respirator for Organic Vapors, Supplied-Air Respirator or Self Contained Breathing Apparatus.

EXPOSURE GUIDELINES:

STODDARD SOLVENT

OSHA PEL: 500 ppm, 2900 mg/m³

OSHA TWA: 100 ppm, 525 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Clear
ODOR: Petroleum
SOLUBILITY IN WATER ...: Nil
SPECIFIC GRAVITY: 0.857 at 60 Deg F (Water = 1)
BULK DENSITY: 7.14 Pounds per Gallon at 60 Deg F
PH: Not applicable

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

(section 10 continued)

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced, including CO and CO2.

CONDITIONS TO AVOID:

Sources of ignition and temperatures above 50C (122F) - 60C (140F).

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

MISCELLANEOUS:

No data available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Do not dispose of into waste water treatment facilities. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Altra Special Form Oil MS-50
D.O.T. SHIPPING NAME: Combustible Liquid, N.O.S.
TECHNICAL SHIPPING NAME ...: Contains Petroleum distillates
D.O.T. HAZARD CLASS: Combustible Liquid
UN NUMBER: NA1993
PACKAGE CLASS: Packing Group III

MISCELLANEOUS:

This material is not regulated for US DOT transportation in quantities less than 119 Gallons.

If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Distillates), 3, UN1993, PGIII.

15. REGULATORY INFORMATION

Canadian Disclosure List

STODDARD SOLVENT (8052-41-3)

16. OTHER INFORMATION

REASON FOR ISSUE ...: NEW
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END OF MSDS
