

Revision Date: 10/16/2000

MATERIAL SAFETY DATA SHEET

Product Name: SERVIVCE PRO SUPER PENETRATING OIL--SP4012  
Manufacturer: AIOD (ASSOCIATION OF INDEPENDENT OIL DISTRIBUTORS)  
Address: 301 N. CASCADE, SUITE A MONTROSE CO 81401-1861  
Telephone: (970) 249-6336  
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Contact: EH&S MANAGER

SECTION 01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: SERVIVCE PRO SUPER PENETRATING OIL--SP4012  
Synonyms:  
Description: AEROSOL PENETRANT CONTAINING PETROLEUM DISTILLATES

NFPA 704M© Rating:  
Health: 1 Fire: 2 Reactivity: 0 Special:

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

SECTION 02 COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Ingredients (% by Weight)

Ingredient	CAS Number	Percent Weight
MINERAL SPIRITS	64741-88-4	70% - 80%
PROPANE-ISOBUTANE-n-BUTANE	68476-86-8	10% - 20%
PETROLEUM HYDROCARBON OILS	8002-29-7	5% - 10%

SECTION 03 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Harmful if inhaled, swallowed, or absorbed through skin.

POTENTIAL HEALTH EFFECTS

CARCINOGENICITY: Product not considered a carcinogen by OSHA, NTP, or IARC.  
MEDICAL CONDITIONS: Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.  
TARGET ORGANS: Skin, eyes, blood, liver, nervous system.  
PRIMARY ENTRY ROUTES: Skin absorption and inhalation.

ACUTE HEALTH EFFECTS

EYE: Will cause irritation upon contact.  
SKIN: Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis.  
INHALATION: Respiratory irritation and dizziness.

INGESTION: Product may cause discomfort, nausea, vomiting, and diarrhea.

CHRONIC HEALTH EFFECTS: Overexposure to the ingredients in this product may cause liver abnormalities, and kidney damage.

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#### SECTION 04 FIRST AID INFORMATION

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EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.

SKIN CONTACT: Wash area with soap and water. Seek medical attention if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention. Inhalation hazard unlikely due to low volatility of product.

INGESTION: DO NOT induce vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS victim anything by mouth.

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#### SECTION 05 FIRE FIGHTING MEASURES

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FLASH POINT: BT 150 - 180 F TCC

EXTINGUISHING MEDIA: Carbon Dioxide (CO2), Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can collect in low areas.

FIRE FIGHTING INSTRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water spray.

FIRE FIGHTING EQUIPMENT: Self contained breathing apparatus with full face piece operated in positive pressure mode.

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#### SECTION 06 ACCIDENTAL RELEASE MEASURES

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SPILL/LEAK PROCEDURES: Notify safety personnel, evacuate all unnecessary personnel and provide adequate ventilation. If feasible and without risk, clean-up personnel should stop leak. All clean-up personnel should wear proper personal protective equipment.

SMALL SPILL: Clean with inert absorbant and place in recovery drums for disposal.

LARGE SPILL: Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations (20CFR1910.120).

NOTE: Product in aerosol container. Spill hazard unlikely.

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#### SECTION 07 HANDLING AND STORAGE

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STORAGE REQUIREMENTS: Store in clean, dry locations away from excessive heat. Store in areas designated for the storage of (Level II) aerosols according to NFPA 30B (Manufacturing and Storage of Aerosol Products).

HANDLING PRECAUTIONS: Wash thoroughly after handling. Do not get into eyes, on skin, or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks, or open flame.

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SECTION 08 EXPOSURE CONTROLS AND PERSONAL PROTECTION

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ENGINEERING CONTROLS: Eye wash station and safety shower.

VENTILATION: Strong general ventilation or local exhaust.

PERSONNEL PROTECTIVE EQUIPMENT

EYE: Chemical splash goggles with indirect or no ventilation.

SKIN: Chemical resistant gloves such as nitrile.

RESPIRATORY: Organic vapor air purifying respirator if vapors are a nuisance or if the concentrations are above PEL or TLV.

COMMENTS: Never eat, drink, or smoke in work areas.

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SECTION 09 PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT: BT 390 - 424 F

SPECIFIC GRAVITY: 0.79

VAPOR PRESSURE: BT 0.80 - 2.0 mmHG

VAPOR DENSITY: 4.8

PERCENT VOLATILES: 100%

SOLUBILITY IN WATER: Not soluble in water.

ODOR/APPEARANCE/CHARACTERISTICS: Amber liquid, petroleum distillate odor.

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SECTION 10 STABILITY AND REACTIVITY

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STABILITY: Material is stable

POLYMERIZATION: Hazardous polymerization cannot occur.

CHEMICAL INCOMPATIBILITIES: Strong oxidizing agents.

CONDITION TO AVOID: Excessive heat and open flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, and carbon dioxide.

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SECTION 11 TOXICOLOGICAL INFORMATION

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No data.

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SECTION 12 ECOLOGICAL INFORMATION

No data.

SECTION 13 DISPOSAL CONSIDERATIONS

As a waste, this product in its raw form =DOES MEET= the criteria of a hazardous waste as defined by RCRA (40CFR361). As a waste this product can be fuel blended at a fuel blending facility.

Dispose of in accordance with all applicable state, federal, and local regulations.

SECTION 14 TRANSPORTATION INFORMATION

DOMESTIC:

\*Consumer Commodity ORM-D

EXPORT:

\*Aerosols Dispensers, Class 2.1, UN1950, IMCO 9.0, Page 9022.

SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA: Considered hazardous material as defined by 29CFR1910.1200

EPA SARA TITLE III:

-Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n):

\*IMMEDIATE (acute) HEALTH HAZARD

\*DELAYED (chronic) HEALTH HAZARD

\*FIRE HAZARD

\*SUDDEN RELEASE HAZARD

-Section 313 (40CFR372): This product does not contain ingredients which are subject to the reporting requirements of SARA 313:

STATE REGULATIONS

CALIFORNIA PROPOSITION 65: This product does not contain ingredients which are on the current Proposition 65 list.

SECTION 16 OTHER INFORMATION

REVISION: 2

NOTES:

\*NG="NOT GIVEN"

\*BT="BETWEEN"

\*<="LESS THAN"

\*>="GREATER THAN"

USER'S RESPONSIBILITY: This MSDS provides environmental, health and safety information. This product is to be used in applications consistent with our product literature and container label. Individuals handling this product should be informed to the recommended safety precautions and have access to this MSDS. Please contact your local sales representative or our Environmental, Health and Safety Department for further information.

END OF MSDS