

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Pro-X S15 Stain Repellent
CAS Number: Blend

Company Identification -----

JLC Technologies, LLC
P.O. Box 10013
10801 Starkey Rd, Suite 104 #208, Seminole, FL 33777 USA
1-727-224-4861 (For product information)

24 Hour Emergency Contact:

1-727-224-4861

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name -----	Amount -----	CAS Number -----
PETROLEUM DISTILLATE	%	64741-65-7

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA 311 Categories:

Immediate (Acute) Health Effects....: Yes
 Delayed (Chronic) Health Effects....: No
 Fire Hazard.....: Yes
 Sudden Release Of Pressure Hazard...: No
 Reactivity Hazard.....: No

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
*
*                               WARNING
*
* COMBUSTIBLE LIQUID. May cause skin, eye, or
* respiratory tract irritation. Do NOT Aerosolize.
*
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*****
    
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HMIS Rating - Health: 1
 Flammability: 2
 Reactivity: 0
 Personal Protection Index: X

POTENTIAL HEALTH EFFECTS

EYE:

Eye contact may cause eye irritation with discomfort, tearing, or blurring of vision. High vapor concentrations (greater than 100 ppm) may be irritating to the eyes.

SKIN:

May cause skin irritation with discomfort or rash, redness, swelling, and itching. Prolonged or repeated contact can result in de-fatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION:

Vapors may be irritating to eyes, nose, throat and respiratory tract. High vapor concentrations may cause headaches, dizziness and may cause CNS depression.

INGESTION:

May cause vomiting. Aspiration of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

SIGNS AND SYMPTOMS OF EXPOSURE:

Early to moderate CNS depression. Headache, dizziness or nausea.
Irritation as noted.

CARCINOGENICITY INFORMATION:

N.A.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

May aggravate pre-existing eye or skin conditions upon contact.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN CONTACT FIRST AID:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention.

INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

INGESTION FIRST AID:

For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: 48.8-54.4 C (120-130 F)

Auto ignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: 0.7 %

UEL: 7 %

FLAMMABLE PROPERTIES:

Use self-contained breathing apparatus and protective equipment.

EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

FIRE & EXPLOSION HAZARDS:

Combustible Liquid. Keep work areas free of hot metal surfaces and other sources of ignition. Avoid spreading burning liquid with water used for cooling.

FIRE FIGHTING INSTRUCTIONS:

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

COMBUSTION PRODUCTS:

Thermal decomposition may produce toxic fluorinated products. Burning may produce oxides of carbon and unidentified organics formed during combustion.

6. ACCIDENTAL RELEASE MEASURES**SAFEGUARDS (PERSONNEL):**

Wear appropriate personal protective equipment. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

INITIAL CONTAINMENT:

Contain spilled material. Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

LARGE SPILLS PROCEDURE:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Keep away from, heat, sparks and flames. Use with adequate ventilation. Use only low pressure sprayers (less than 25 PSI). Do NOT aerosolize. Avoid prolonged contact with skin or eyes. Avoid breathing (dust, vapor, mist, gas). Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

HANDLING (PHYSICAL ASPECTS):

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction. Keep container closed to avoid contamination. Store in a cool dry area.

STORAGE PRECAUTIONS:

Keep away from heat, sparks, and flame. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles and face shield are recommended to avoid contact with eyes.

SKIN PROTECTION REQUIREMENTS:

Nitrile, neoprene or natural rubber gloves. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

RESPIRATORY PROTECTION REQUIREMENTS:

If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

MISCELLANEOUS:

Observe the usual precautions for handling any chemical substance.

EXPOSURE GUIDELINES:
PETROLEUM DISTILLATES
OSHA PEL: 100 ppm
ACGIH TWA: 100 ppm
Skin Designation: Yes

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Clear
ODOR: Solvent Odor
BOILING POINT: >170 C (>340 F)
SOLUBILITY IN WATER ...: Insoluble
SPECIFIC GRAVITY: 0.770 average (Water = 1)
EVAPORATION RATE: < 0.10 (Butyl Acetate)
VAPOR DENSITY: 4.9 (Air=1)

10. STABILITY AND REACTIVITY

STABILITY:
Stable.

POLYMERIZATION:
Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:
Avoid contact with strong oxidizing agents.

DECOMPOSITION:
Burning may produce oxides of carbon and unidentified organics formed during combustion.

CONDITIONS TO AVOID:
None Known.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL..: Pro-X S15 Stain Repellent
D.O.T. SHIPPING NAME...: Petroleum Distillates, N.O.S.
D.O.T. HAZARD CLASS....: Combustible Liquid
UN NUMBER.....: UN 1268
D.O.T. LABEL.....: "No Label Required"

THIS PRODUCT IS NOT REGULATED BY D.O.T. IN 119 GALLONS OR LESS

15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger:
None

WHMIS Hazard Symbols:
None

Canadian Disclosure List

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

Prepared By.....: jlc
Approved By.....:
Title.....: Environmental Manager
Approval Date.....: April, 2012
Supersedes Date...: April, 2012
JLC Number.....: 1101

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of JLC Technologies, LLC. The data on this sheet are related only to the specific material designated herein. JLC Technologies, LLC assumes no legal responsibility for use or reliance upon these data.

END OF MSDS