

MATERIAL SAFETY DATA SHEET

MSDS No.: 15017
Effective Date 4/22/03
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SECTION 1-CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LYNN PEAVEY CHEMICAL SOAK
SOLUTION B
FORMULA: MIXTURE
PRODUCT NO.: 15017, 95046B

LYNN PEAVEY COMPANY
10749 WEST 84TH TERRACE
LENEXA, KANSAS 66214-3612
913-888-0600
800-255-6499
FAX 913-495-6757

IN CASE OF EMERGENCY: CALL CHEMTREC
(800) 424-9300 (USA/North America)
(703) 527-3887 (outside the US – collect calls accepted)

SECTION 2-COMPOSITION, INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS No.</u>
Ethyl Alcohol	64-17-5
Distilled Water	7732-18-5
Kerosene	8008-20-6
Glacial Acetic Acid	64-19-7

Specific chemical formulation is being withheld as a trade secret. Information will be made available in accordance with applicable provisions as specified in 29 Code of Federal Regulation (CFR) Part 1910.1200, Hazard Communication standard.

SECTION 3-HAZARD IDENTIFICATION

ACUTE HEALTH EFFECTS

This material irritates the eyes. Inhalation of high concentration of vapors may cause irritation of the eyes and respiratory tract. The substance may cause effects on the central nervous system.

CHRONIC HEALTH EFFECTS

CARCINOGENIC POTENTIAL: N/D

TARGET-ORGAN EFFECTS: May dry the skin. The substance may have effects on the upper respiratory tract and central nervous system, resulting in irritation, headache, fatigue and lack of concentration. May cause liver cirrhosis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing eye, skin, or respiratory disorders may be more susceptible to the effects of this substance.

NFPA RATING: Health: 1 Flammability: 2 Reactivity: 1

HMIS RATING: Health: 1 Flammability: 2 Reactivity: 1

SECTION 4-FIRST-AID MEASURES

PRIMARY ROUTES OF ENTRY / FIRST AID

INHALATION: Remove victim from exposure area to fresh air. Seek medical attention if breathing is difficult.

EYE/SKIN CONTACT: Flush eyes with water for at least 15 minutes, remove contact lenses if possible. Wash skin with a mild soap and water. Seek medical attention if irritation or redness develops or persists.

INGESTION: Do not induce vomiting. Rinse mouth with water. Seek medical attention immediately, if symptoms occur.

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LYNN PEAVEY CHEMICAL SOAK SOLUTION B – 15017

SECTION 5-FIREFIGHTING MEASURES

	<u>Ethyl Alcohol</u>	<u>distilled Water</u>	<u>Gl. Acetic Acid</u>	<u>Kerosene</u>
FLASH POINT:	13 deg C	N/A	40 deg C	38 deg C
EXPLOSIVE LIMITS (LEL / UEL):	3.3/19.0%	N/A	4/16.0 %	0.7/5.0 %

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam or water in flooding amounts as fog. Solid streams may not be effective, except to cool containers exposed to heat.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective equipment.

UNUSUAL FIRE AND EXPLOSIVE DATA: Vapor slightly heavier than air and may flow to external ignition source away from main fire.

SECTION 6-ACCIDENTAL RELEASE MEASURES

Wear protective clothing and equipment as specified in Section 8. Collect leaking containers and spilled liquid in sealable containers as much as possible. Wash away remainder with copious amounts of water.

SECTION 7-HANDLING AND STORAGE

Store in a clean, dry area away from excessive heat. Keep container tightly closed.

SECTION 8-EXPOSURE CONTROLS, PERSONAL PROTECTIVE

EXPOSURE LIMITS	<u>Ethyl Alcohol</u>	<u>Distilled Water</u>	<u>Gl. Acetic Acid</u>	<u>Kerosene</u>
OSHA PEL:	1900 mg/m ³	N/A	10 ppm	None established
OSHA STEL:	Data not available.	N/A	15 ppm	None established
OSHA TABLE Z-2 TWA: 8H 1900 mg/m ³		N/A.	10 ppm	None established
OSHA CEILING:	Data not available.	N/A	Data not available.	None established
ACGIH (TLV) TWA:	Data not available.	N/A	Data not available.	None established
ACGIH STEL:	Data not available.	N/A	Data not available.	None established
ACGIH CEILING TWA:	Data not available.	N/A	Data not available.	None established
ORAL RAT LD50:	20,000 ppm (Inhalation)	N/A	3310 mg/Kg	None established

EYES: Chemical safety goggles or glasses.

GLOVES: Chemical-resistant gloves.

RESPIRATORY: Not required under normal conditions of product use with ventilation. For spill control measures, wear a self-contained breathing apparatus or respirator with approved NIOSH / MSHS cartridges, if necessary.

VENTILATION: Mechanical exhaust, fume hood.

OTHER: Protective clothing as required. Wash hands and face before eating and drinking.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

	<u>Ethyl Alcohol</u>	<u>Distilled Water</u>	<u>Gl. Acetic Acid</u>	<u>Kerosene</u>
BOILING POINT:	79 deg C (Ethyl Alcohol)	100 deg C	117-118 deg C	175-325 deg C
VAPOR PRESSURE: (mm Hg @ 68°F)	5.8 kPa @ 20 deg C	N/A	11.4 mm @ 20 deg C	1 @ 20 deg C
VAPOR DENSITY: (air=1)	1.03 @ 20 deg C	N/A	2.07	4.5
WATER SOLUBILITY:	Miscible.	N/A	Miscible.	Insoluble
APPEARANCE AND ODOR:	Colorless liquid with Characteristic odor.	N/A	Colorless liquid with Characteristic odor.	Pale yellow or water white, mobile oily liquid.
MELTING POINT:	-117 deg C	0 deg C	16.2 deg C	N/A
SPECIFIC GRAVITY:	0.8	1.0	1.049	about 0.80
% VOLATILE BY VOLUME:	100%	N/A	100%	100%
EVAPORATION RATE: (ether =1)	N/D	N/A	0.97	No information found

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LYNN PEAVEY CHEMICAL SOAK SOLUTION B – 15017

SECTION 10-STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY: Reacts with strong acids and oxidizing agents, sources of heat and flame, calcium hypochlorite, silver oxide, ammonia, nitric acid, silver nitrate, mercuric nitrate and magnesium nitrate.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and dioxide.

CONDITIONS TO AVOID: Excessive heat and flame, acids and oxidizing agents.

SECTION 11-TOXICOLOGICAL INFORMATION

Toxicological data for this product has not been determined. Refer to Section 8 for exposure controls.

SECTION 12-ECOLOGICAL INFORMATION

This material has been shown to affect various land and aquatic species in numerous ways. Avoid washing or rinsing excessive amounts into the ground or sewer systems.

SECTION 13-DISPOSAL INFORMATION

Ensure compliance with all local, state, and federal regulations or contact an approved and licensed disposal agency.

SECTION 14-TRANSPORT INFORMATION

DOT – Ethanol Solution, N.O.S.

UN: 1170

Class: 3

Packing Group II

Hazard Label: Flammable Liquid

SECTION 15-REGULATORY INFORMATION

Non-regulated.

SECTION 16-OTHER INFORMATION

This information is believed to be correct, however no warranties are made with respect to this information and the Lynn Peavey Co. assumes no liability resulting from use. Make independent determinations of the suitability and completeness of information from all sources, to assure proper use and disposal of this product and personnel safety and health. Data for each component is specified where applicable as mixtures have not been tested.

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SOLUTION A

FORMULA: MIXTURE

PRODUCT NO.: 15016, 95046A

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10749 WEST 84TH TERRACE
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CHRONIC HEALTH EFFECTS

CARCINOGENIC POTENTIAL: N/D

TARGET-ORGAN EFFECTS: May dry the skin. The substance may have effects on the upper respiratory tract and central nervous system, resulting in irritation, headache, fatigue and lack of concentration. May cause liver cirrhosis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing eye, skin, or respiratory disorders may be more susceptible to the effects of this substance.

NFPA RATING: Health: 2 Flammability: 3 Reactivity: 1

HMIS RATING: Health: 2 Flammability: 3 Reactivity: 1

SECTION 4-FIRST-AID MEASURES

PRIMARY ROUTES OF ENTRY / FIRST AID

INHALATION: Remove victim from exposure area to fresh air. Seek medical attention if breathing is difficult.

EYE/SKIN CONTACT: Flush eyes with water for at least 15 minutes, remove contact lenses if possible. Wash skin with a mild soap and water. Seek medical attention if irritation or redness develops or persists.

INGESTION: Do not induce vomiting. Rinse mouth with water. Seek medical attention immediately, if symptoms occur.

SECTION 5-FIREFIGHTING MEASURES

	<u>Ethyl Alcohol</u>	<u>distilled Water</u>	
FLASH POINT:		13 deg C	N/A
EXPLOSIVE LIMITS (LEL / UEL):		3.3/19.0%	N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam or water in flooding amounts as fog. Solid streams may not be effective, except to cool containers exposed to heat.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective equipment.

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OSHA STEL:	Data not available.	N/A
OSHA TABLE Z-2 TWA: 8H	1900 mg/m ³	N/A.
OSHA CEILING:	Data not available.	N/A
ACGIH (TLV) TWA:	Data not available.	N/A
ACGIH STEL:	Data not available.	N/A
ACGIH CEILING TWA:	Data not available.	N/A
ORAL RAT LD50:	20,000 ppm (Inhalation)	N/A

EYES: Chemical safety goggles or glasses.

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BOILING POINT:	79 deg C (Ethyl Alcohol)	100 deg C
VAPOR PRESSURE: (mm Hg @ 68°F)	5.8 kPa @ 20 deg C	N/A
VAPOR DENSITY: (air=1)	1.03 @ 20 deg C	N/A
WATER SOLUBILITY:	Miscible.	N/A
APPEARANCE AND ODOR:	Colorless liquid with Characteristic odor.	N/A
MELTING POINT:	-117 deg C	0 deg C
SPECIFIC GRAVITY:	0.8	1.0
% VOLATILE BY VOLUME:	100%	N/A
EVAPORATION RATE: (ether =1)	N/D	N/A

SECTION 10-STABILITY AND REACTIVITY

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