

MATERIAL SAFETY DATA SHEET - U.S.

Pro Spotter B121

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: Pro Spotter

Product Number: B121

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Surfactants	Proprietary	N/E	Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Clear Liquid

Odor: Floral Scent

Flashpoint: >212°F

Eye Contact: May cause temporary eye irritation; injury to eye tissue unlikely

Skin Contact: Frequent or prolonged contact may cause temporary irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause temporary irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause temporary injury.

HMIS Hazard Rating: Health 1 Flammability 0 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

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Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 5: Fire-Fighting Measures

Flashpoint: >212°F

Autoignition Temperature: N/D

General Hazard: Irritant.

Upper Flammable Limit (% by volume): N/A

Lower Flammable Limit (% by volume): N/A

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated area. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

Section 9: Physical and Chemical Properties

Appearance/Physical State: Clear Liquid

Vapor Pressure: N/D

Boiling Point: 212°F

Density: 8.35 lb. /gal

Solubility in Water: Soluble

Odor: Floral scent

Vapor Density: N/D

Freezing Point: 32°F

pH: 7.0 - 7.5

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Pro Spotter B121

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: None known

Reactivity: None known

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye and Skin contact, Inhalation and Ingestion

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing, and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation.

Ingestion: May cause temporary gastrointestinal temporary irritation.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

Pro Spotter B121

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 14: Transportation Information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging. UN specification packaging not required.

Note:

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Section 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

Protein Stain Spotter B144

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: Protein Stain Spotter

Product Number: B144

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

Hazardous Ingredient
Glycol ethers

CAS
Mixture

OSHA PEL
N/E

OSHA HAZARD
Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Clear Liquid

Odor: Mint Scent

Flashpoint: >212°F

Eye Contact: May cause temporary eye irritation; injury to eye tissue unlikely

Skin Contact: Frequent or prolonged contact may cause temporary irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause temporary irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause temporary injury.

HMIS Hazard Rating: Health 1 Flammability 0 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

Protein Stain Spotter B144

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 5: Fire-Fighting Measures

Flashpoint: >212°F

Autoignition Temperature: N/D

General Hazard: Irritant.

Upper Flammable Limit (% by volume): N/A

Lower Flammable Limit (% by volume): N/A

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated area. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

Section 9: Physical and Chemical Properties

Appearance/Physical State: Clear Liquid

Vapor Pressure: N/D

Boiling Point: 212°F

Density: 8.4 lb. /gal

Solubility in Water: Soluble

Odor: Mint scent

Vapor Density: N/D

Freezing Point: 32°F

pH: 10.0 - 10.5

MATERIAL SAFETY DATA SHEET - U.S.

Protein Stain Spotter B144

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: None known

Reactivity: None known

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye and Skin contact, Inhalation and Ingestion

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing, and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation.

Ingestion: May cause temporary gastrointestinal temporary irritation.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

Protein Stain Spotter B144

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 14: Transportation Information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging. UN specification packaging not required.

Note:

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

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Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

Pet Spotter B153

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 3.0

Section 1: Chemical Product and Company Information

Product Name: Pet Spotter

Product Number: B153

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Glycolic Acid 70%	79-14-1	N/E	Acute
Surfactants	Mixture	N/E	Acute

Section 3: Hazard Identification

Emergency Overview

Appearance: Clear Yellow Liquid

Odor: Citrus Floral Scent

Flashpoint: 174°F

Eye Contact: May cause temporary eye irritation; injury to eye tissue unlikely

Skin Contact: Frequent or prolonged contact may cause temporary irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause temporary irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause temporary injury.

HMIS Hazard Rating: Health 1 Flammability 0 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

Pet Spotter B153

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 3.0

Section 5: Fire-Fighting Measures

Flashpoint: 174°F

Autoignition Temperature: N/D

General Hazard: Acute irritant.

Upper Flammable Limit (% by volume): N/D

Lower Flammable Limit (% by volume): N/D

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated area. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

Section 9: Physical and Chemical Properties

Appearance/Physical State: Clear Yellow Liquid

Vapor Pressure: N/D

Boiling Point: 212°F

Density: 8.42 lb. /gal

Solubility in Water: Soluble

Odor: Citrus Floral scent

Vapor Density: N/D

Freezing Point: 32°F

pH: 3.0 - 3.5

MATERIAL SAFETY DATA SHEET - U.S.

Pet Spotter B153

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 3.0

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: None known

Reactivity: None known

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye and Skin contact, Inhalation and Ingestion

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing, and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation.

Ingestion: May cause temporary gastrointestinal temporary irritation.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

Pet Spotter B153

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 3.0

Section 14: Transportation Information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging. UN specification packaging not required.

Note:

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

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Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

POWER SOLVENT B167

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: Power Solvent

Product Number: B167

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Aliphatic hydrocarbons	064742-48-9	N/E	Irritant
Glycol Ether	111109-77-4	N/E	Flammable

Section 3: Hazard Identification

Emergency Overview

Appearance: Clear Liquid

Odor: Citrus

Flashpoint: 135°F

Warning! Combustible liquid. Vapors formed from this product are heavier than air and may travel along the surface to a distant source of ignition and flashback. Explosive vapor-air mixtures may be formed above the flash point or between the lower and upper flammable limits. Hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below the autoignition or ignition temperature.

Eye Contact: May cause moderate eye irritation; injury to eye tissue unlikely

Skin Contact: Frequent or prolonged contact may cause irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: When used according to label instructions, this product should not cause adverse effects.

Ingestion: Small amounts swallowed, incidental to normal handling operations, are not likely to cause injury.

NFPA Hazard Rating: Health 1 Flammability 2 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

POWER SOLVENT B167

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 5: Fire-Fighting Measures

Flashpoint: 135°F (closed cup)

Upper Flammable Limit (% by volume): 5.0%

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume): 0.7%

General Hazard: Flammable liquid. Vapors formed from this product are heavier than air and may travel along the surface to a distant source of ignition and flashback. Explosive vapor-air mixtures may be formed above the flash point or between the lower and upper flammable limits. Hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below the autoignition or ignition temperature.

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Eliminate sources of ignition. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed. All five-gallon and larger containers should be grounded. Handle open containers with care; store in a cool well-ventilated place away from strong oxidizing or alkaline products and ignition sources.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

MATERIAL SAFETY DATA SHEET - U.S.

POWER SOLVENT B167

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 9: Physical and Chemical Properties

Appearance/Physical State: Clear Liquid

Vapor Pressure: N/D

Boiling Point: $\approx 170^{\circ}\text{F}$

Specific Gravity: 0.8

Solubility in Water: N/D

Odor: Citrus

Vapor Density: 4.5 - 4.9

Freezing Point: N/D

pH: N/A

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: Strong oxidizing or alkaline agents

Reactivity: Aluminum and other reactive metals

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye contact, Skin absorption/contact, Inhalation and Ingestion

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation. Temporary central nervous system effects might include dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea aspiration into the lungs can cause chemical pneumonitis.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

POWER SOLVENT B167

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 14: Transportation Information

Shipping paper description: NONE-EXEMPT

Labeling: NONE-EXEMPT

Markings: CONSUMER COMMODITY, ORM-D

Placard: NONE-EXEMPT

Packaging: Inner package not over 5.0 liters (1 gallon) each, in strong outer packaging. UN specification packaging not required.

Note: "Consumer Commodity - ORM-D" exemption applies only to ground shipments. Additional compliance steps are required for air shipments.

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

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Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S. PAINT, OIL & GREASE REMOVER B173

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: Paint, Oil & Grease Remover

Product Number: B173

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Aliphatic hydrocarbons	064742-48-9	N/E	Combustible
Surfactant	Mixture	N/E	Eye Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Clear Liquid

Odor: Solvent Scent

Flashpoint: 158°F

Hazard: Combustible liquid

Eye Contact: May cause slight eye irritation; injury to eye tissue unlikely

Skin Contact: Frequent or prolonged contact may cause irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause slight irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations is not likely to cause injury.

NFPA Hazard Rating: Health 1 Flammability 2 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S. PAINT, OIL & GREASE REMOVER B173

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 5: Fire-Fighting Measures

Flashpoint: 158°F (closed cup)

Upper Flammable Limit (% by volume): 1.0%

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume): 7.0%

General Hazard: Combustible liquid.

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Eliminate sources of ignition. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline products and ignition sources. Cloths used to apply or absorb product should be rinsed with water and stored in a fire-resistant container. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use; keep away from heat and flame.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

Section 9: Physical and Chemical Properties

Appearance/Physical State: Clear Liquid

Odor: Solvent scent

Vapor Pressure: N/D

Vapor Density: N/D

Boiling Point: 349°F

Freezing Point: N/D

Specific Gravity: 0.77

pH: N/A

Solubility in Water: N/D

MATERIAL SAFETY DATA SHEET - U.S. PAINT, OIL & GREASE REMOVER B173

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: Strong oxidizing or alkaline agents

Reactivity: Aluminum and other reactive metals

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye contact, and Skin absorption/contact

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea
aspiration into the lungs can cause chemical pneumonitis.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S. PAINT, OIL & GREASE REMOVER B173

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 14: Transportation Information

Shipping paper description: NONE-EXEMPT

Labeling: NONE-EXEMPT

Markings: CONSUMER COMMODITY, ORM-D

Placard: NONE-EXEMPT

Packaging: Inner package not over 5.0 liters (1 gallon) each, in strong outer packaging. UN specification packaging not required.

Note: "Consumer Commodity - ORM-D" exemption applies only to ground shipments. Additional compliance steps are required for air shipments; ship in accordance with 49 CFR parts 100 - 185.

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

Coffee & Tannin Spotter B182

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: Coffee & Tannin Spotter

Product Number: B182

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Sodium Metabisulfite	7681-57-4	N/E	Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Clear Liquid

Odor: Sulfur Scent

Flashpoint: >212°F

Eye Contact: May cause temporary eye irritation; injury to eye tissue unlikely.

Skin Contact: Frequent or prolonged contact may cause temporary irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause temporary irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause temporary injury.

HMIS Hazard Rating: Health 2 Flammability 0 Reactivity 1

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

Coffee & Tannin Spotter B182

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 5: Fire-Fighting Measures

Flashpoint: >212°F

Upper Flammable Limit (% by volume): N/A

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume): N/A

General Hazard: Irritant.

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated area. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

Section 9: Physical and Chemical Properties

Appearance/Physical State: Clear Liquid

Odor: Sulfur scent

Vapor Pressure: N/D

Vapor Density: N/D

Boiling Point: 212°F

Freezing Point: 32°F

Density: 8.4 lb. /gal

pH: 4.0 - 5.0

Solubility in Water: Soluble

MATERIAL SAFETY DATA SHEET - U.S.

Coffee & Tannin Spotter B182

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: None known

Reactivity: None known

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye and Skin contact, Inhalation and Ingestion

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing, and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation.

Ingestion: May cause temporary gastrointestinal temporary irritation.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

Coffee & Tannin Spotter B182

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 14: Transportation Information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging. UN specification packaging not required.

Note:

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

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Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

Rust Remover B198

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: Rust Remover

Product Number: B198

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Ammonium Bifluoride	1341-49-7	N/E	Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Cloudy gold-tan Liquid

Odor: Bland Scent

Flashpoint: >212°F

Eye Contact: May cause temporary eye irritation.

Skin Contact: Frequent or prolonged contact may cause temporary irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: May cause temporary irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause temporary injury.

HMIS Hazard Rating: Health 2 Flammability 0 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

Rust Remover B198

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 5: Fire-Fighting Measures

Flashpoint: >212°F

Upper Flammable Limit (% by volume): N/A

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume): N/A

General Hazard: Irritant.

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated area. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

Section 9: Physical and Chemical Properties

Appearance/Physical State: Cloudy Tan Liquid

Odor: Bland scent

Vapor Pressure: N/D

Vapor Density: N/D

Boiling Point: N/D

Freezing Point: N/D

Density: 8.5 lb. /gal

pH: 2.5 - 3.5

Solubility in Water: Soluble

MATERIAL SAFETY DATA SHEET - U.S.

Rust Remover B198

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: None known

Reactivity: None known

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye and Skin contact, Inhalation and Ingestion

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing, and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation.

Ingestion: May cause temporary gastrointestinal temporary irritation.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

Rust Remover B198

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 14: Transportation Information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging. UN specification packaging not required.

Note:

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

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Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

Zoop E837

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: Zoop

Product Number: E837

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
Enzyme	Proprietary	N/E	Irritant
Ethanol, 2-(2-butoxyethoxy) -	112-34-5	N/E	Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Tan Liquid

Odor: Spice Scent

Flashpoint: 185°F

Eye Contact: Causes eye irritation.

Skin Contact: Frequent or prolonged contact may cause irritation.

Inhalation: Inhalation of mist may cause respiratory irritation.

Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause temporary gastric pain and vomiting.

NFPA Hazard Rating: Health 1 Flammability 0 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

Zoop E837

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 5: Fire-Fighting Measures

Flashpoint: 185°F (closed cup)

Upper Flammable Limit (% by volume): N/D

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume): N/D

General Hazard: Irritant.

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline products. Avoid contact with skin and eyes. Leave area immediately if mist is formed. Do not return until contaminated air has been exhausted. Use in a well-ventilated area. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed.

Exposure guidelines: N/E

Section 9: Physical and Chemical Properties

Appearance/Physical State: Tan Liquid

Odor: Spice scent

Vapor Pressure: N/D

Vapor Density: N/D

Boiling Point: N/D

Freezing Point: N/D

Specific Gravity: N/D

Product pH: 5.0 - 6.0

Solubility in Water: N/D

MATERIAL SAFETY DATA SHEET - U.S.

Zoop E837

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: Strong oxidizing or alkaline agents

Reactivity: N/D

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye contact, Skin absorption/contact, and Inhalation

Effects of Acute Overexposure to Product:

Eye Contact: Causes eye irritation, redness, tearing and blurred vision

Skin Contact: May cause skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist may cause temporary respiratory irritation; temporary central nervous system effects including dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause gastrointestinal temporary irritation with nausea, vomiting and diarrhea.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

Zoop E837

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 14: Transportation Information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging.

Note:

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the Immediate Health category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

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Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

Citrus Gel E840

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.2

Section 1: Chemical Product and Company Information

Product Name: Citrus Gel

Product Number: E840

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
D-Limonene	5989-27-5	N/E	Flammable
Hydrotreated Light Distillate	64742-47-8	N/E	Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Creamy emulsion

Odor: Citrus Scent

Flashpoint: 109°F

Hazard: Combustible Liquid

Eye Contact: May cause slight temporary eye irritation; injury to eye tissue unlikely

Skin Contact: May cause temporary skin irritation. May be absorbed through the skin

Inhalation: Inhalation of high concentrations may cause temporary central nervous system effects characterized by headache, dizziness, and unconsciousness

Ingestion: Aspiration hazard. May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis

NFPA Hazard Rating: Health 1 Flammability 2 Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. DO NOT use mouth-to-mouth respiration.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

Citrus Gel E840

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.2

Section 5: Fire-Fighting Measures

Flashpoint: 109°F (closed cup)

Upper Flammable Limit (% by volume): N/D

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume): N/D

General Hazard: Combustible liquid

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Keep all unnecessary personnel away. Eliminate sources of ignition. Prevent additional discharge of material. Prevent liquid from entering sewers, watercourses, or low areas. Contain and absorb spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline products and ignition sources. Cloths used to apply or absorb product should be rinsed with water and stored in a fire-resistant container. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use; keep away from heat and flame.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: Use normal room ventilation. No respiratory protection should be needed.

Exposure guidelines: N/E

MATERIAL SAFETY DATA SHEET - U.S.

Citrus Gel E840

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.2

Section 9: Physical and Chemical Properties

Appearance/Physical State: Creamy emulsion

Vapor Pressure: N/D

Boiling Point: >212°F

Specific Gravity: 0.91

Solubility in Water: N/D

Odor: Citrus scent

Vapor Density: 5.3

Freezing Point: N/D

pH: 5.0

Section 10: Stability and Reactivity

Chemical stability: Stable under normal conditions

Incompatibility with other substances: Sources of ignition and strong oxidizers

Reactivity:

Hazardous Decomposition Products: Incomplete combustion may liberate carbon monoxide, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye contact, Skin absorption/contact, Inhalation and Ingestion

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause temporary respiratory irritation; temporary central nervous system effects may include dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea
aspiration into the lungs can cause chemical pneumonitis.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

Citrus Gel E840

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.2

Section 14: Transportation Information

Shipping paper description: NONE-EXEMPT

Labeling: NONE-EXEMPT

Markings: CONSUMER COMMODITY, ORM-D

Placard: NONE-EXEMPT

Packaging: Inner package not over 5.0 liters (1 gallon) each, in strong outer packaging. UN specification packaging not required.

Note: "Consumer Commodity - ORM-D" exemption applies only to ground shipments. Additional compliance steps are required for air shipments.

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

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All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

Phone Number: [480] 899-7000

MATERIAL SAFETY DATA SHEET - U.S.

SolvInk E848

Professional Chemicals Corporation

Revision Date: January 8, 2003 Revision 2.1

Section 1: Chemical Product and Company Information

Product Name: SolvInk

Product Number: E848

Manufacturer: Professional Chemicals Corp
325 S. Price Road
Chandler, AZ USA 85224

Emergency Telephone:
(800) 535-5053 [Infotrac]

Section 2: Composition / Information or Ingredients

<u>Hazardous Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>OSHA HAZARD</u>
N-Methylpyrrolidone	872-50-4		Irritant
Surfactant	Mixture	N/E	Irritant

Section 3: Hazard Identification

Emergency Overview

Appearance: Clear Liquid

Odor: Wintergreen Mint

Flashpoint: >212°F

Irritant

Eye Contact: Causes temporary irritation, redness, and pain

Skin Contact: Mild irritant may cause some temporary discomfort if in contact with the skin for several hours

Inhalation: Mild temporary irritant if vapor or mist from heated solvent is inhaled.

Ingestion: Causes temporary irritation to the gastrointestinal tract. Temporary symptoms may include nausea, vomiting and diarrhea

NFPA Hazard Rating: Health 1

Flammability 1

Reactivity 0

Section 4: First Aid Measures

Eye Contact: Immediately irrigate with flowing water continuously for 15 minutes. If irritation persists consult medical personnel.

Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.

Inhalation: Move to fresh air. If irritation persists consult medical personnel.

Ingestion: If swallowed, Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

MATERIAL SAFETY DATA SHEET - U.S.

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Section 5: Fire-Fighting Measures

Flashpoint: >212°F

Upper Flammable Limit (% by volume): N/A

Autoignition Temperature: N/D

Lower Flammable Limit (% by volume): N/A

Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Hazardous Decomposition Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon dioxide and carbon monoxide.

Section 6: Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not flush to sewer.

Section 7: Handling and Storage

Store out of reach of children; keep container closed; store in a cool well-ventilated place away from strong oxidizing or alkaline products and ignition sources. Avoid contact with skin and eyes. Use in a well-ventilated area; do not breathe vapors. Wash hands thoroughly after handling.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Eye Protection: Safety glasses

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Respiratory: No respiratory protection should be needed when product is used according to label directions.

Exposure guidelines: N/E

MATERIAL SAFETY DATA SHEET - U.S.

SolvInk E848

Professional Chemicals Corporation

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Section 9: Physical and Chemical Properties

Appearance/Physical State: Clear Liquid

Vapor Pressure: N/D

Boiling Point: 212°F

Density: 8.5 lb. /gal.

Solubility in Water: N/D

Odor: Wintergreen Mint

Vapor Density: N/D

Freezing Point: <-121°F

pH: N/A

Section 10: Stability and Reactivity

Chemical stability: Stable

Incompatibility with other substances: Strong oxidizing and strong acids

Hazardous Decomposition Products: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Section 11: Toxicological Information

Route of Entry: Eye contact, and Skin absorption/contact, ingestion and inhalation

Effects of Acute Overexposure to Product:

Eye Contact: May cause temporary eye irritation, redness, tearing, and blurred vision

Skin Contact: May cause temporary skin irritation, defatting and dermatitis

Inhalation: Inhalation of mist or vapor may cause Temporary respiratory irritation; temporary central nervous system effects may include dizziness, weakness, fatigue, nausea, and headache.

Ingestion: May cause temporary gastrointestinal irritation with nausea, vomiting and diarrhea.

Effects of Chronic Overexposure to Product:

Exposure limits: N/D for mixture

Teratogenicity: None

Reproductive toxicity: None

Sensitization to Product: None known

Mutagenicity: None

Carcinogenicity: None

Section 12: Ecological Information

Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Disposal Considerations

Dispose of in accordance with federal, state and local regulations. Prevent run-off to sewers.

MATERIAL SAFETY DATA SHEET - U.S.

SolvInk E848

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Section 14: Transportation Information

Shipping paper description: None

Labeling: None

Markings: None

Placard: None

Packaging: Strong outer packaging. UN packaging not required.

Section 15: Regulatory Information

TSCA: All chemicals used in this product are listed

CERCLA: No

SARA Title III: Under the provisions of Title III, sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the immediate health hazard category.

The chemicals used in this product may be subject to the provisions of the Community Right-to Know Act (40 CFR 370 - 374). If reporting requirements are met, please contact the Environmental, Health and Safety (EHS) Manager for information regarding this product.

Section 16: Other Information

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

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