



**Section 1. Product and Company Identification**

Product Identifier **L44 - Dynamic Dressing**  
Product Use  
Description: Yellow milky liquid with banana fragrance

**Manufacturer or suppliers' details**

P & S Sales, Inc	Emergency Number: 800-255-3924
20943 Cabot Blvd.	Customer Service: 510-732-2628
Hayward CA 94545	Business Fax: 510-732-2632

**Section 2. Hazards Identification**

**GHS Classification**

**Skin Irritation** : Category 2A  
**Reproductive Toxicity** : Category 2

**GHS Label Elements**

**Hazard pictograms**



**Hazard Word**            **Warning**

**Hazard Statements**

**Causes serious eye irritation**  
**Suspected of damaging fertility or the unborn child**

**Precautionary Statements**



**Obtain special instructions before use**  
**Do not handle until all safety precautions have been read and understood**  
**Avoid breathing dust/fume/gas/mist/vapours/spray**  
**Wash skin thoroughly after handling**  
**Use only outdoors or in a well-ventilated area**  
**Wear protective gloves/protective clothing/eye protection/face protection**

**IF IN EYES:**

**Rinse cautiously with water for several minutes**  
**Remove contact lenses if present and easy to do. continue rinsing**

**IF EXPOSED OR CONCERNED:**

**Get medical advice/attention**

**IF EYE IRRITATION PERSISTS:**

**Get medical advice/attention**

**Store locked up**

**Dispose of contents/container to an approved waste disposal plant.**

**3. Composition Information on Ingredients**

CAS Number	Wt %	Component Name
84133-50-6	0-2%	Alcohols, C11-15-secondary, Ethoxylated

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

**4. First Aid Measures**

Eye: Immediately flush with water.

Skin: No first aid should be needed.

Inhalation: No first aid should be needed.

Oral: No first aid should be needed.

Comments: Treat symptomatically.

**5. Fire Fighting Measures**

<b>Flash Point</b> Not Flammable	<b>Upper Flamability Limit</b>	Not Determined
<b>Auto Ignition</b> Not Determined	<b>Lower Flamability Limit</b>	Not Determined



**Extinguishing Media:**

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO<sub>2</sub>), dry chemical or water spray. Water can be used to cool fire exposed containers.

**Fire Fighting Measures:**

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**Unusual Fire Hazards:**

None.

**Hazardous Decomposition Products**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Metal oxides.

**6. Accidental Release Measures**

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

**7. Handling and Storage**

Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from oxidizing materials.

**8. Exposure Controls and Personal Protection**

84133-50-6 Alcohols, C11-15-secondary, Ethoxylated

none established



Engineering Controls

Local Ventilation: None should be needed.  
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.  
Skin: Washing at mealtime and end of shift is adequate.  
Suitable Gloves: No special protection needed.  
Inhalation: No respiratory protection should be needed.  
Suitable Respirator: None should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

Comments: When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

**9. Physical and Chemical Properties**

<b>Physical State</b> Liquid	<b>Color</b> Yellow milky	<b>Vapor Press</b> Not Determined
<b>pH</b> 6.5	<b>Specific Gravity</b> .998	<b>Viscosity</b> Thin Viscosity
<b>Vapor Density (Air=1)</b> Not Determined	<b>Melting Point °F</b> 31	<b>Odor</b> Banana
<b>Water Solubility</b> dispersable	<b>VOC Content</b> 0%	

**10. Stability and Reactivity**

<b>Stability</b> Stable	<b>Hazardous Polymerization</b> Not Expected to Occur
<b>Conditions to Avoid</b>	Oxidizing materials can cause a reaction
<b>Hazardous Decomposition Products</b>	When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

**11. Toxicological Information**

**Information on likely routes of exposure**  
Inhalation Skin contact Ingestion Eye contact

**Acute toxicity**  
Not classified based on available information.

**Product:**  
Acute oral toxicity  
Acute inhalation toxicity  
: Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method  
: Acute toxicity estimate : > 10 mg/l Exposure time: 4 h  
Test atmosphere: dust/mist Method: Calculation method



**Ingredients:**

**Alcohols, C11-15-secondary, Ethoxylated:**

Acute oral toxicity : LD50 (Rat): > 412 mg/kg

Acute inhalation toxicity LC50 (Rat): 1.06 mg/l Exposure time: 4 h Test atmosphere: dust/mist

Acute dermal toxicity: LD50 (Rat): > 5,000 mg/kg

**12. Ecological Information**

**Ingredients:**

**Alcohols, C11-15-secondary, Ethoxylated:**

Toxicity to fish

Toxicity to daphnia and other aquatic invertebrates

: LC50 (Pimephales promelas (fathead minnow)): 3.2 - 3.6 mg/l Exposure time: 96 h

: EC50 (Daphnia magna (Water flea)): 7.3 mg/l Exposure time: 48 h

Toxicity to daphnia and aquatic invertebrates (Chronic toxicity) NOEC (Daphnia magna (Water flea)): > 0.1 - 1 mg/l Exposure time: 21 d

Remarks: Based on data from similar materials

Toxicity to bacteria: EC50: > 1,000 mg/l Exposure time: 16 h

**13. Disposal Considerations**

**Disposal methods**

Resource Conservation and Recovery Act (RCRA)

Waste from residues Contaminated packaging

: This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

: Dispose of in accordance with local regulations.

: Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. Transportation Information**

**International Regulation**

**UNRTDG**

Not regulated as a dangerous good

**IAT A-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

Date of last issue: -

Date of first issue: 11/28/2014

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation 49 CFR**

Not regulated as a dangerous good

**15. Regulatory Information**

**EPCRA - Emergency Planning and Community Right-to-Know CERCLA Reportable Quantity :**

Calculated RQ exceeds reasonably attainable upper limit.



**SARA 304 Extremely Hazardous Substances Reportable Quantity:** This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards:** Acute Health Hazard Chronic Health Hazard

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**The ingredients of this product are reported in the following inventories:**

**KECI :** All ingredients listed, exempt or notified.

**AICS :** All ingredients listed or exempt.

**IECSC :** All ingredients listed or exempt.

**PICCS :** All ingredients listed or exempt.

**DSL :** All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

**REACH :** All ingredients (pre-)registered or exempt.

**TSCA :** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**NZIoC :** All ingredients listed or exempt.

**Inventories**

IECSC (China), REACH (European Union), ENCS (Japan), ISHLAICS (Australia), DSL (Canada), (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

**16. Other Information**

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

**Further information**

**NFPA:**



**HMIS III:**

HEALTH	2*
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme \* = Chronic



**P & S Sales, Inc.**

**Safety Data Sheet**

**L44 - Dynamic Dressing**

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