	<b>SAFETY DATA SHEET</b> Finished Product	VB-002
Prepared to:	OSHA (HCS) 29 CFR 1910.1200, GHS rev. 3, Standards Federal Register Volume 77, Number 58 (Monday, March 26, 2012)	
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## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:**

**Trade Name(s)**

VIBROW LASH Cream Developer

\*Hair tints are mixed with the developer before use. A separate SDS exists for the hair tints.

**Recommended Use/Restrictions on Use:** This is a product intended for professional use only and to be applied by a licensed professional only. This product can cause allergic reactions in some individuals. A 48 hour allergy test must be performed prior to each use. Do not use if you have already had a negative reaction to such products.

**Details of the Supplier of SDS:**

Aegis Regulatory Inc.  
 2424 Dempster Drive  
 Coralville, IA 52241  
 Emergency Phone: (865) 982-5552

**In case of medical emergencies, please contact your local poison control center.**

## SECTION 2 - HAZARDS IDENTIFICATION

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard. When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Note: This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

**Classification of substance or mixture: (GHS-OSHA)**

Eye: Category 2B Mildly irritating to eyes

Skin: Category 2 Irritant, pH 3.3-3.6%, Sub-Category 1B- skin sensitizer

Inhalation: Category 4


Ingestion: Category 4 Mild gastritis


**GHS Label Elements:**

This substance is classified and labeled according to the Globally Harmonized System (GHS).

**Signal Word: WARNING!**

**Hazard pictogram:**

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<div style="text-align: center;">  </div> <p style="text-align: center; margin-top: 5px;">GHS07</p> <p><b>Hazard Statements:</b></p> <p>H317: May cause an allergic skin reaction          H320: Causes eye irritation          H302: Harmful if swallowed</p> <p><b>Precautionary Statements:</b></p> <p>P103: Read label before use          P264: Wash hands and exposed skin areas with soap and warm water thoroughly after handling.          P270: Do not eat, drink, or smoke while using this product.          P280: Wear protective gloves and eye/face protection          P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.          P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.          P337+P313: If eye irritation persists: Get medical advice/attention.          P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.          P405: Store locked up.</p>
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### SECTION 3 - COMPOSITION AND INGREDIENTS

<b>Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under the HPA:</b>			
These substances are listed because when used in a professional setting (at a much higher frequency and duration than a typical consumer) they would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Any hazards associated with this finished product are listed in Section 2 of this SDS.			
<b>Chemical Name</b>	<b>Common Name</b>	<b>CAS No.</b>	<b>Composition Range</b>
Hydrogen Peroxide/H2O2	Hydrogen Peroxide	7722-84-1	5-6%

### SECTION 4 - FIRST AID MEASURES


<p><b>Eye:</b> Following accidental eye exposure, remove contact lenses, if used. Flush immediately with plenty of water for 15 minutes. If reaction persists, seek medical attention immediately.</p>
<p><b>Skin Problem:</b> If contact does occur, flush with copious amounts of water. No significant irritation expected from short term exposure. If mild irritation does occur, discontinue use of product. If discomfort persists or skin reaction develops, contact dermatologist.</p>
<p><b>Inhalation:</b> Reaction not expected. If unusual symptoms develop move individual to fresh air or increase ventilation.</p>
<p><b>Ingestion:</b> If swallowed, DO NOT INDUCE VOMITING. Call a physician, hospital emergency room or poison control center immediately for further direction.</p>

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SECTION 5 - FIRE FIGHTING MEASURES
<b>Hazard Classification:</b> Neither Flammable nor Combustible
<b>Contents Under Pressure:</b> No
<b>Flash Point:</b> > 200°F
<b>Extinguishing Media:</b> Use chemical foam, dry chemical, carbon dioxide or water.
<b>Unusual Fire and Explosion Hazards:</b> Contamination with combustible organic matter (e.g. oil, sawdust, damp paper towels, etc.) metal, powder, or reducing agents may cause decomposition, leading to fire. Decomposition of oxidizing material (when mixed with developer) releases oxygen which may intensify existing fires.
<b>Fire Fighting Instructions:</b> Contact emergency personnel. Extinguish fires with water, ABC all-purpose or CO <sub>2</sub> extinguisher. The type of extinguisher used should be in conformance with local fire regulations. Fire fighters should use self contained breathing apparatus in enclosed areas.
 NFPA

SECTION 6 - ACCIDENTAL RELEASE MEASURES
<b>Procedures for Spill/Leak Clean-up:</b>  <b>Small Spills:</b> Absorb spills with inert material. Absorb liquid and scrub the area with detergent. Dilute with water. Floor can be slippery when inadequately cleaned after spill.  <b>Large Spill:</b> Determine whether to evacuate. Scoop/recover material into suitable waste container. Avoid exposure to, or contamination with, liquid organic materials or damp organic materials (e.g. wet paper towels, wood, clothing, etc.). If contaminated, spontaneous combustion may occur. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots, etc.) to prevent skin contact.

SECTION 7 - HANDLING AND STORAGE
<b>Precautions for Safe Handling:</b> Avoid contact with eyes, skin, and clothing. Do not expose to heat and flame. Use only in ventilated areas. Keep out of the reach of children. Avoid contamination with combustible organic matter (e.g. oil, sawdust, damp paper towels, etc.) metal, powder, or reducing agents. Contamination may cause decomposition, leading to fire. Decomposition of oxidizing material releases oxygen which may intensify existing fires. This product is intended for use by licensed cosmetologists.

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**Conditions for Safe Storage:** Keep in a dry, cool place. Avoid freezing temperatures. Avoid contamination. Keep closed when not in use. Store in the original tightly capped containers away from sunlight, heat, sparks and flame. Do not store any tint after it has been mixed with developer; the container may rupture. Never return unused material to original container. Empty containers should be rinsed with water before discarding. Keep out of reach of children.

**Other Recommendations:** None.

### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Control Parameters:** These criteria have been published by the referenced authority to establish exposure limits in the work environment. Employee work areas should be monitored to ensure that permissible limits are not exceeded during the work day. These references do not coincide with product use. These references are meant to be in association with the manufacturing environment.

**Ingredients with limit values that require monitoring at the workplace:**

Chemical Name	CAS No.	Composition Range	Exposure Limits in Air ppm(mg/m <sup>3</sup> )					
			ACGIH			OSHA		
			ppm			ppm		
			TLV	STEL	PEL	STEL	IDHL	
Hydrogen Peroxide/H2O2	7722-84-1	5-6%	(1.4)	NA	(1.4)	NA	75	


**Ventilation & Engineering Controls:** General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).


**Respiratory Protection:** No special respiratory protection is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.

**Eye Protection:** Avoid eye contact. None required under normal conditions of use. When handling large quantities (e.g., ≥ 1 gallon (3.8L)) Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants.




**Hand Protection:** Required under normal conditions of use to prevent staining and keep exposure level to a minimum. Use latex or PVC gloves. When handling large quantities (e.g., ≥ 1 gallon (3.8L)), rubber or impervious plastic gloves must be worn.

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**Body Protection:** No apron required when handling small quantities. Lab coat or apron should be worn to protect skin and clothing. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge Showers should be available. Upon completion of work activities involving large quantities of this product, Wash any exposed areas thoroughly with soap and water.




**Other:**

**Personal Protective Measures:** Always follow good hygienic work practices. Avoid inhalation. Avoid eye, clothing, and prolonged skin contact with these types of products. In case of contact, rinse thoroughly with water. Promptly clean up all spills.

**Personal Protective Equipment:** Use safety glasses or safety goggles if splash hazards exist; use impervious gloves and other protective clothing (apron, boots etc.) to prevent skin contact.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
<ul style="list-style-type: none"> <li>• <b>Color, Odor and Appearance:</b> Semi Opaque White Crème Emulsion</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Melting Point:</b> Not applicable</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Physical State:</b> Crème Emulsion</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Boiling Point:</b> &gt;212 °F</li> </ul>
<ul style="list-style-type: none"> <li>• <b>pH:</b> 3.3 – 3.6</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Solubility in Water:</b> Soluble</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Flashpoint:</b> &gt;200 °F</li> </ul>	<ul style="list-style-type: none"> <li>• <b>% VOC:</b> Complies with Federal and State regulations for VOC content.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Vapor Density:</b> Not applicable</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Specific Gravity:</b> 0.9 - 1.0</li> </ul>

SECTION 10 - STABILITY AND REACTIVITY
<p><b>Reactivity:</b> No further relevant information available.</p> <p><b>Conditions to Avoid:</b> Store away from flammable liquids, flammable solids, aerosols and other incompatible materials. Avoid contamination. Do not store any tint, lightener lotion or bleach powder after it has been mixed with developer; the container may rupture. Never return unused material to original container. Avoid extreme heat and ignition sources.</p> <p><b>Stability:</b> Stable under normal handling and storage conditions.</p> <p><b>Incompatibility (Materials to Avoid):</b> Contamination with combustible organic matter (e.g. oil,</p>

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sawdust, damp paper towels, etc.) metal, powder, or reducing agents may cause decomposition, leading to fire. Decomposition of oxidizing material (when mixed with developer) releases oxygen which may intensify existing fires.

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide. Toxic fumes may be released.

**Hazardous Polymerization:** Not expected

**Other Recommendations:** None.

### SECTION 11 - TOXICOLOGICAL INFORMATION

Where information is not listed specifically for constituents, published information was not available.

**Routes of Exposure:** Inhalation: Yes                      Ingestion: Yes                      Skin: Yes

**Toxicity Data:** This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product.

<b><u>Hydrogen Peroxide (7722-84-1)</u></b>	
ATE (oral)	801,000 mg/kg bodyweight
ATE (dermal)	2000,000 mg/kg bodyweight
ATE (gases)	4500,000 ppmV/4h
ATE (vapors)	2,000 mg/l/4h
ATE (dust,mist)	2,000 mg/l/4h

**Effects of Acute Exposure:** Harmful if swallowed or absorbed through skin. May cause skin, eye irritation and gastric irritation (if swallowed). Additionally high concentrations of vapors can cause dizziness, headaches, and nausea.

**Effects of Chronic Exposure:** Pre-existing dermatitis would likely be made worse by exposure to this category of products.


**Description of Symptoms:**

**Eye Contact:** Contact may cause mild to moderate transient irritation. Redness and/or stinging may occur.

**Skin Contact:** May cause irritation or sensitization in sensitive individuals. Depending on the nature of any reaction experienced, a similar reaction may occur on subsequent use of such products.

**Inhalation:** May cause mild, transient respiratory irritation.

**Ingestion:** Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea.

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**Carcinogenicity** : Not classified based on available data, the classification criteria are not met  
Hydrogen peroxide (7722-84-1) IARC group 3 - Not classifiable  
**Specific target organ toxicity (single exposure)** : Not classified based on available data, the classification criteria are not met  
**Specific target organ toxicity (repeated exposure)** : Not classified based on available data, the classification criteria are not met  
**Aspiration hazard** : Not classified based on available data, the classification criteria are not met  
**Reproductive Toxicity**: This product is not reported to produce reproductive toxicity in humans.  
**Mutagenicity**: This product is not reported to produce mutagenic effects in humans.  
**Embryotoxicity**: This product is not reported to produce embryotoxic effects in humans.  
**Teratogenicity**: This product is not reported to cause teratogenic effects in humans.  
**Reproductive Toxicity**: This product is not reported to cause reproductive effects in humans.  
**Irritancy of Product**: The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.  
**Skin corrosion/irritation** : Category 2 May cause mild skin irritation pH 3.3-3.6%  
**Serious eye damage/irritation** : Category 2B Mildly irritating to eyes, effects fully reversible within 7 days  
**Respiratory or skin sensitisation** :Category 1B May cause allergic skin reaction  
low to moderate frequency of occurrence in humans and/or a low to moderate potency in animals can be presumed to have the potential to produce sensitization in humans.  
**Physician Recommendations**: Treat symptomatically.

## SECTION 12 - ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.


**Environmental Overview**: The environmental characteristics of this mixture have not been fully evaluated. Releases to the environment should be avoided.

**Toxicity:**

<b>Hydrogen Peroxide (7722-84-1)</b>	
LC50 fishes 1	16.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	7.7 mg/l (Exposure time: 24 h - Species: Daphnia magna)
EC50 other aquatic organisms 1	2.5 mg/l (Exposure time: 72 h - Species: Chlorella vulgaris)
LC50 fish 2	18 - 56 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	18 - 32 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

**Persistence and degradability**: No additional information available  
**Bioaccumulative potential**: Not established.  
**Mobility in soil**: No additional information available  
**Other adverse effects**: No additional information available




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<b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>
<p><b>Waste Disposal Method:</b> Disposal should be in accordance with all applicable Local, State and Federal regulations. Disposal of Developer Component or Developer products are ignitable according to RCRA hazardous wastes when intended for disposal. Physical and/or chemical deactivation/degradation is the required method of treatment and disposal.</p> <p>Do not discharge product into natural waters without pre-treatment or adequate dilution.</p> <p><b>California Waste Code:</b> 331</p>

<b>SECTION 14 - TRANSPORT INFORMATION</b>
<p><b>Finished packaged product transported by ground (DOT):</b> No information available.</p> <p><b>Finished packaged product transported by vessel (IMDG):</b> No information available.</p> <p><b>Finished packaged product transported by air (IATA):</b> No information available.</p>

<b>SECTION 15 - ADDITIONAL REGULATORY INFORMATION</b>												
<p>EU DPD (Dangerous Products Directive) Classification (DPD 88/379/EEC).</p> <p>Regulated as a Cosmetic and/or Drug by the FDA (U.S.), HPB (Canada), Cosmetics Directive (EU), MHW (Japan) and MOH (China).</p> <p><b>Workplace Hazardous Materials Identification System (HMIS):</b>Health: 1, Fire: 1, Physical Hazard/Reactivity: 1, Protective Equipment: B</p> <p><b>CERCLA reportable quantity (RQ):</b></p> <table border="1" data-bbox="191 1465 1003 1612"> <thead> <tr> <th>Ingredient</th> <th>CAS#</th> <th>Level</th> <th>CERCLA (RQ)</th> </tr> </thead> <tbody> <tr> <td>Hydrogen Peroxide</td> <td>7722-84-1</td> <td>5-6%</td> <td>5000 lb.</td> </tr> <tr> <td>Phosphoric Acid</td> <td>7664-38-2</td> <td>0.25-0.75 %</td> <td>5000 lb.</td> </tr> </tbody> </table> <p><b>TSCA:</b> All intentionally-added components of this product are listed on the US TSCA Inventory.</p> <p><b>SARA 313/302/304/311/312 chemicals:</b> Hydrogen Peroxide (SARA 311, 312)</p> <p><u><b>Canada</b></u></p> <p><b>CEPA:</b></p>	Ingredient	CAS#	Level	CERCLA (RQ)	Hydrogen Peroxide	7722-84-1	5-6%	5000 lb.	Phosphoric Acid	7664-38-2	0.25-0.75 %	5000 lb.
Ingredient	CAS#	Level	CERCLA (RQ)									
Hydrogen Peroxide	7722-84-1	5-6%	5000 lb.									
Phosphoric Acid	7664-38-2	0.25-0.75 %	5000 lb.									



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All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Product Regulations (CPR) and this SDS contains all information required by the CPR.

**US States**

**CA Prop 65:**

This product is not subject to warning labeling under California Proposition 65.

**State Right-to-Know:** The following ingredients present in the finished product are listed on state right-to-know lists or state work exposure lists:


Ingredient	CAS#	Level	State (s)
Hydrogen Peroxide	7722-84-1	5-6%	CA, CT, IL, IN, KY, LA, MA, MN, NJ, PA, RI
*Glycerin	56-81-5	0.25-0.75 %	CA, CT, IL, IN, KY, LA, MA, MN, NJ, PA, RI
*Tetrasodium Pyrophosphate	7722-88-55	0.25-0.75 %	CA, MA, MN, NC, NJ, PA, RI
*Phosphoric Acid	7664-38-2	0.25-0.75 %	IL, MA, NJ, PA, RI

\*These substances are below the cut-off/concentration limits for hazard communication set forth in 29 CFR 1910.1200 Appendix A, but are listed because they are found on state-right-to know lists in pure bulk form.


**SECTION 16 - OTHER INFORMATION**


**DISCLAIMER:**

This Safety Data Sheet (SDS) is for guidance only and based upon information believed to be reliable. AEGIS REGULATORY, INC. makes no guarantee of the accuracy or completeness of the data and shall not be held liable for any damages relating thereto. The data is offered solely for consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the employer to be in accordance with applicable local, state or federal laws and regulations. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of AEGIS REGULATORY, INC. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, AEGIS REGULATORY, INC DOES NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIMS LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT.

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<b>SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION</b>
<p><b>Product Identifier:</b>  <b>Trade Name(s)</b>            VIBROW LASH Hair Tint- Shades: Deep Black            *Hair tints contain low concentrations of colorant intermediates in an aqueous base. They are mixed with the developer before use. A separate SDS exists for the developer.</p>
<p><b>Recommended Use/Restrictions on Use:</b> This is a product intended for professional use only and to be applied by a licensed professional only. This product can cause allergic reactions in some individuals. A 48 hour allergy test must be performed prior to each use. Do not use if you have already had a negative reaction to such products.</p>
<p><b>Details of the Supplier of SDS:</b>            Aegis Regulatory Inc.            2424 Dempster Drive            Coralville, IA 52241            Emergency Phone: (865) 982-5552</p>
<p><b>In case of medical emergencies, please contact your local poison control center.</b></p>

<b>SECTION 2 - HAZARDS IDENTIFICATION</b>
<p>Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard. When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</p>
<p><b>Classification of substance or mixture: (GHS-OSHA)</b>            Eye: Category 2B Mildly irritating to eyes            Skin: Category 2 Irritant, Sub-Category 1B- skin sensitizer            Inhalation: Category 4            Ingestion: Category 4 Mild gastritis</p>
<p><b>GHS Label Elements:</b>            This substance is classified and labeled according to the Globally Harmonized System (GHS).</p>
<p><b>Signal Word: WARNING!</b>  <b>Hazard pictogram:</b></p>
<div style="text-align: center;">  </div> <p style="text-align: center; font-size: small;">GHS07</p>

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<p><b>Hazard Statements:</b>  H317: May cause an allergic skin reaction  H320: Causes eye irritation  H302: Harmful if swallowed</p> <p><b>Precautionary Statements:</b>  P103: Read label before use  P264: Wash hands and exposed skin areas with soap and warm water thoroughly after handling.  P270: Do not eat, drink, or smoke while using this product.  P280: Wear protective gloves and eye/face protection  P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P337+P313: If eye irritation persists: Get medical advice/attention.  P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.  P405: Store locked up.</p>
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**SECTION 3 - COMPOSITION AND INGREDIENTS**

**Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under the HPA:**  
These substances are listed because when used in a professional setting (at a much higher frequency and duration than a typical consumer) they would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Any hazards associated with this finished product are listed in Section 2 of this SDS.

Chemical Name:	CAS#	%
p-Phenylenediamine	106-50-3	<1%
m-Aminophenol	591-27-5	<1%
N,N-Bis(2-Hydroxyethyl)-p-Phenylenediamine Sulfate	54381-16-7	<1%


**SECTION 4 - FIRST AID MEASURES**

**Eye:** Following accidental eye exposure, remove contact lenses, if used. Flush immediately with plenty of water for 15 minutes. If reaction persists, seek medical attention immediately.

**Skin Problem:** If contact does occur, flush with copious amounts of water. No significant irritation expected from short term exposure. If mild irritation does occur, discontinue use of product. If discomfort persists or skin reaction develops, contact dermatologist.

**Inhalation:** Reaction not expected. If unusual symptoms develop move individual to fresh air or increase ventilation.

**Ingestion:** If swallowed, DO NOT INDUCE VOMITING. Call a physician, hospital emergency room or poison control center immediately for further direction.

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### SECTION 5 - FIRE FIGHTING MEASURES

**Hazard Classification:** Neither Flammable nor Combustible

**Contents Under Pressure:** No

**Flash Point:** > 200°F

**Extinguishing Media:** Use chemical foam, dry chemical, carbon dioxide or water.

**Unusual Fire and Explosion Hazards:** Contamination with combustible organic matter (e.g. oil, sawdust, damp paper towels, etc.) metal, powder, or reducing agents may cause decomposition, leading to fire. Decomposition of oxidizing material (when mixed with developer) releases oxygen which may intensify existing fires.

**Fire Fighting Instructions:** Contact emergency personnel. Extinguish fires with water, ABC all-purpose or CO<sub>2</sub> extinguisher. The type of extinguisher used should be in conformance with local fire regulations. Fire fighters should use self contained breathing apparatus in enclosed areas.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES


**Procedures for Spill/Leak Clean-up:**

**Small Spills:** Absorb spills with inert material. Absorb liquid and scrub the area with detergent. Dilute with water. Floor can be slippery when inadequately cleaned after spill.

**Large Spill:** Determine whether to evacuate. Scoop/recover material into suitable waste container. Avoid exposure to, or contamination with, liquid organic materials or damp organic materials (e.g. wet paper towels, wood, clothing, etc.). If contaminated, spontaneous combustion may occur. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots, etc.) to prevent skin contact.

### SECTION 7 - HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes, skin, and clothing. Do not expose to heat and flame. Use only in ventilated areas. Keep out of the reach of children. Avoid contamination with combustible organic matter (e.g. oil, sawdust, damp paper towels, etc.) metal, powder, or reducing agents. Contamination may cause decomposition, leading to fire. Decomposition of oxidizing material releases oxygen which may intensify existing fires. This product is intended for use by licensed cosmetologists.

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**Conditions for Safe Storage:** Keep in a dry, cool place. Avoid freezing temperatures. Avoid contamination. Keep closed when not in use. Store in the original tightly capped containers away from sunlight, heat, sparks and flame. Do not store any tint after it has been mixed with developer; the container may rupture. Never return unused material to original container. Empty containers should be rinsed with water before discarding. Keep out of reach of children.

**Other Recommendations:** None.

### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Control Parameters:** These criteria have been published by the referenced authority to establish exposure limits in the work environment. Employee work areas should be monitored to ensure that permissible limits are not exceeded during the work day. These references do not coincide with product use. These references are meant to be in association with the manufacturing environment.

**Occupational Exposure Values:**

Chemical	CAS #	%	Exposure Limits in Air (mg/m <sup>3</sup> )							
			ACGIH		NOHSC			OSHA		
			ppm		ppm			Ppm		
			TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDHL
p-Phenylenediamine	106-50-3	<1%	NA	NA	NF	(0.1)	NF	(0.1)	NA	25

**Ventilation & Engineering Controls:** General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).

**Respiratory Protection:** No special respiratory protection is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.


**Eye Protection:** Avoid eye contact. None required under normal conditions of use. When handling large quantities (e.g., ≥ 1 gallon (3.8L)) safety glasses with side shields should be used.



**Hand Protection:** Required under normal conditions of use to prevent staining and keep exposure level to a minimum. Use latex or PVC gloves. When handling large quantities (e.g., ≥ 1 gallon (3.8L)), wear rubber or impervious plastic gloves must be worn.



**Body Protection:** No apron required when handling small quantities. Lab coat or apron should be worn to protect

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skin and clothing. When handling large quantities (e.g.,  $\geq 1$  gallon), eye wash stations and deluge Showers should be available. Upon completion of work activities involving large quantities of this product, Wash any exposed areas thoroughly with soap and water.




**Other:**

**Personal Protective Measures:** Always follow good hygienic work practices. Avoid inhalation. Avoid eye, clothing, and prolonged skin contact with these types of products. In case of contact, rinse thoroughly with water. Promptly clean up all spills.

**Personal Protective Equipment:** Use safety glasses or safety goggles if splash hazards exist; use impervious gloves and other protective clothing (apron, boots etc.) to prevent skin contact.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
<ul style="list-style-type: none"> <li>• <b>Color, Odor and Appearance:</b> Semi Opaque White Crème Emulsion</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Melting Point:</b> Not applicable</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Physical State:</b> Crème Emulsion</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Boiling Point:</b> <math>&gt;212</math> °F</li> </ul>
<ul style="list-style-type: none"> <li>• <b>pH:</b> 10.0 – 10.5</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Solubility in Water:</b> Soluble</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Flashpoint:</b> <math>&gt;200</math> °F</li> </ul>	<ul style="list-style-type: none"> <li>• <b>% VOC:</b> Complies with Federal and State regulations for VOC content.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Vapor Density:</b> Not applicable</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Specific Gravity:</b> 0.9 - 1.0</li> </ul>

SECTION 10 - STABILITY AND REACTIVITY
<p><b>Reactivity:</b> No further relevant information available.</p> <p><b>Conditions to Avoid:</b> Store away from flammable liquids, flammable solids, aerosols and other incompatible materials. Avoid contamination. Do not store any tint, lightener lotion or bleach powder after it has been mixed with developer; the container may rupture. Never return unused material to original container. Avoid extreme heat and ignition sources.</p> <p><b>Chemical Stability:</b> Stable</p> <p><b>Incompatibility (Materials to Avoid):</b> None in particular.</p> <p>Contamination with combustible organic matter (e.g. oil, sawdust, damp paper towels, etc.) metal, powder, or reducing agents may cause decomposition, leading to fire. Decomposition of oxidizing</p>

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material (when mixed with developer) releases oxygen which may intensify existing fires.

**Other Recommendations:** None.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Where information is not listed specifically for constituents, published information was not available.

**Routes of Exposure:** Inhalation: Yes                      Ingestion: Yes                      Skin: Yes

**Toxicity Data:** This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document.

**Effects of Acute Exposure:** Harmful if swallowed or absorbed through skin. May cause skin, eye irritation and gastric irritation (if swallowed). Additionally high concentrations of vapors can cause dizziness, headaches, and nausea.

**Effects of Chronic Exposure:** Pre-existing dermatitis would likely be made worse by exposure to this category of products.

**Description of Symptoms:**

- Eye Contact:** Contact may cause mild to moderate transient irritation. Redness and/or stinging may occur.
- Skin Contact:** May cause irritation or sensitization in sensitive individuals. Depending on the nature of any reaction experienced, a similar reaction may occur on subsequent use of such products.
- Inhalation:** May cause mild, transient respiratory irritation.
- Ingestion:** Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea.

**Carcinogenicity:** This product contains p-Phenylenediamine which is not carcinogenic to humans, but is listed by **ACGIH:** A4 and **IARC:** Group 3.

**Reproductive Toxicity:** This product is not reported to produce reproductive toxicity in humans.

**Mutagenicity:** This product is not reported to produce mutagenic effects in humans.

**Embryotoxicity:** This product is not reported to produce embryotoxic effects in humans.


**Teratogenicity:** This product is not reported to cause teratogenic effects in humans.

**Reproductive Toxicity:** This product is not reported to cause reproductive effects in humans.

**Irritancy of Product:** The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.

**Physician Recommendations:** Treat symptomatically.



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<b>SECTION 12 - ECOLOGICAL INFORMATION</b>
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The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

<b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>
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**Waste Disposal Method:**  
 Disposal should be in accordance with all applicable Local, State and Federal regulations.

The following instructions are for consumer usage only. Do not discharge product into natural waters without pre-treatment or adequate dilution.

**For Professional Settings:** Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

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**California Waste Code:** 331

<b>SECTION 14 - TRANSPORT INFORMATION</b>
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**Finished packaged product transported by ground (DOT):** No information available.

**Finished packaged product transported by vessel (IMDG):** No information available.


**Finished packaged product transported by air (IATA):** No information available.

<b>SECTION 15 - ADDITIONAL REGULATORY INFORMATION</b>
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EU DPD (Dangerous Products Directive) Classification (DPD 88/379/EEC).

Regulated as a Cosmetic and/or Drug by the FDA (U.S.), HPB (Canada), Cosmetics Directive (EU), MHW (Japan) and MOH (China).

**Workplace Hazardous Materials Identification System (HMIS):** Health: 1, Fire: 1, Physical Hazard/Reactivity: 1, Protective Equipment: B

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**SARA Reporting 313/302/304/311/312 chemicals:** p-Phenylenediamine is subject to the reporting requirements of SARA Title III, Sections 312/313.

**SARA Threshold Planning Quantity:** This product is not subject to the reporting requirements of SARA Title III, Section 302.

**TSCA Inventory Status:** All components of this product are listed in the TSCA Inventory or are exempt.

**CERCLA reportable quantity (RQ):** p-Phenylenediamine: 2,270 kg (5000 lbs).

**Canada**

**CEPA:**

All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Product Regulations (CPR) and this SDS contains all information required by the CPR.

**US States**

**CA Prop 65:**

This product is not subject to warning labeling under California Proposition 65.

**State Right-to-Know:**

The following ingredients are present in the finished product and are listed on the following state right-to-know lists:

Ingredient	CAS#	Level	State							
			IL	MA	NJ	PA	RI	FL	MN	WA
p-Phenylenediamine	67762-27-0	<1%		X	X	X		X	X	X

Other:

Perfumes contained within the products covered by this SDS comply with appropriate IFRA Guidance

**SECTION 16 - OTHER INFORMATION**

**DISCLAIMER:** This information is offered in good faith, but no warranty, expressed or implied is made. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Aegis Regulatory, Inc. assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.