



**HMIS:**  
**Health: 2**  
**Fire: 1**  
**Reactivity: 1**

## SAFETY DATA SHEET

Finished Product

OSHA (HCS) 29 CFR 1910.1200 Prepared to GHS rev. 3

Federal Register Volume 77, Number 58 (Monday, March 26, 2012)

### SECTION 1 - CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

**Product Name:**

Intensive Cream Developer (F# 092909)

Intensive Hair Tint

\*Hair tints are mixed with the developer before use.

**Recommended Use/Restrictions on Use:** This is a product intended for professional use only and to be applied by a licensed professional only. It a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

**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).

**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

**Signal Word: WARNING**

**Hazard Statements:**

May cause mild eye or skin irritation.

Harmful if swallowed.

May cause allergic skin reaction.

**GHS Label Elements:**



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

Hazard pictograms:



GHS07

**Precautionary Statements:**

Wear protective gloves/protective clothing and eye/face protection

This product contains ingredients which may cause skin irritation on certain individuals and a preliminary patch test according to the accompanying directions should first be made.

This product can also cause allergic reactions in some individuals. Do not use if you have already had a negative reaction to such products and perform a 48 hour allergy test prior to use. Refer to product use instructions for details regarding the sensitization and allergy testing.

Harmful if swallowed

**Other Statements:** Keep in a dry, cool place. Avoid freezing temperatures. Avoid contamination. Avoid inhalation. Avoid eye, clothing, and prolonged skin contact. 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. Use only in ventilated areas. Avoid contamination with combustible organic matter. Promptly clean up all spills

**If On Skin:** Rinse thoroughly with water.

**If In Eyes:** Remove contact lenses, if used. Flush immediately with plenty of water for 15 minutes. Do not rub eyes.

**If Inhaled:** Move individual to fresh air or increase ventilation.

**If Ingested:** Call a physician, hospital emergency room or poison control center immediately for further direction.

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.

**SECTION 3 - COMPOSITION AND INGREDIENTS**

The complete ingredient list for the finished product(s) is as follows:

Hydrogen Peroxide, Cetearyl Alcohol, Laureth-2, Ceteareth-25, Glycerin, Tetrasodium Pyrophosphate, Disodium EDTA, Phosphoric Acid

**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 MSDS.

Chemical Name	Common Name	CAS No.	Composition Range
Hydrogen Peroxide/H2O2	Hydrogen Peroxide	7722-84-1	5-6%

#### 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, call a physician, hospital emergency room or poison control center immediately for further direction.

#### SECTION 5 - FIRE FIGHTING MEASURES

**Hazard Classification:** Neither Flammable nor Combustible

**Flash Point:** > 200°F

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

**Unusual Fire and Explosion Hazards:** Closed containers may explode (due to pressure build up) when exposed to extreme heat. 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 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 and full gear in enclosed areas and for large spills.



NFPA



## 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.

**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. Decomposition of hydrogen peroxide may occur with increase in pressure and possible container rupture.

**Other Recommendations:** None.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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

Chemical Name	Common Name	CAS No.	Composition Range	Exposure Limits
Hydrogen Peroxide/H2O2	Hydrogen Peroxide	7722-84-1	5-6%	1.4 mg/m3 (OSHA Z-1 PEL) 1 ppm (ACGIH TWA)

**Personal Protective Measures:** Always follow good hygienic work practices. Do not eat, drink, or smoke while using this product. Avoid inhalation. Ensure adequate ventilation. 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

**Conditions to Avoid:** 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.

**Stability:** Stable under normal handling and storage conditions.

**Incompatibility (Materials to Avoid):** 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.

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

**Hazardous Polymerization:** Not expected

**Other Recommendations:** None.



## SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity : Not classified

<b>Hydrogen Peroxide (7722-84-1)</b>	
LD50 oral rat	801 mg/kg
LD50 dermal rat	4060 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 inhalation rat (mg/l)	2 g/m <sup>3</sup> (Exposure time: 4 h)
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

**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.

**Germ cell mutagenicity :** Not classified Based on available data, the classification criteria are not met

**Carcinogenicity :** Not classified Based on available data, the classification criteria are not met

Hydrogen peroxide (7722-84-1) IARC group 3 - Not classifiable

**Reproductive toxicity :** Not classified Based on available data, the classification criteria are not met

**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

**Chronic Effects:** Finished product is not expected to have chronic health effects.

**Effects of Acute Exposure:** Harmful if swallowed or absorbed through skin. May cause skin, eye irritation and gastric irritation (if swallowed).

**Effects of Chronic Exposure:** From individual SDS – no ingredients are listed as carcinogens. Pre-existing dermatitis would likely be made worse by exposure to this category of products.

## SECTION 12 - ECOLOGICAL INFORMATION



**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

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Disposal should be in accordance with all applicable Local, State and Federal regulations. Disposal of Developer Component 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.

**California Waste Code:** 331

### SECTION 14 - TRANSPORT INFORMATION

**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.

### SECTION 15 - ADDITIONAL REGULATORY INFORMATION



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).

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) the ingredient(s) listed in Section 3 would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**US Federal**

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

**CERCLA reportable quantity (RQ):**

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.

**TSCA:** All intentionally-added components of this product are listed on the US TSCA Inventory.

**SARA 313/302/304/311/312 chemicals:** Hydrogen Peroxide (SARA 311, 312)

**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 MSDS 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:**

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