



**MATERIAL SAFETY DATA SHEET Finished Product.**

**SECTION 1 – CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION**

- **Finished Product Name:** Ultra Sheen Gentle Treatment Gray Hair Relaxer

This product is sold as a five component kit: Ultra Sheen Gentle Treatment No-Lye Conditioning Crème Relaxer, Ultra Sheen No Lye Activator, Ultra Sheen Neutralizing Shampoo, Ultra Sheen Leave-In Conditioner and Setting Styling Lotion, and Yellow-Out.

- Ultra Sheen Gentle Treatment No-Lye Conditioning Crème Relaxer (95461200)
- Ultra Sheen No-Lye Activator (95460736)
- Ultra Sheen Neutralizing Shampoo (95409171)
- Ultra Sheen Leave-In Conditioner and Setting Styling Lotion (95424075)
- Yellow-Out (95498319)

- **Company Identification:**  
Johnson Products, Distributed by Procter & Gamble  
Stamford, CT 06922

Contact: Consumer Relations at 1-866-833-1331

- **In case of medical emergencies, please contact your local poison control center.**
- **Transportation emergency (24 hour), contact:**  
CHEMTREC - Phone # 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (for calls originating elsewhere).

- **DATE:** November 2007

**SECTION 2 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:**

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

**POTENTIAL HEALTH EFFECTS:**

- **Eye:**

Relaxer/Activator: Contact may cause blindness. Risk of serious damage to eyes.

Shampoo/ Setting Styling Lotion/ Yellow-Out: Contact may cause mild, transient irritation.

Some redness and/or stinging may occur.

- **Skin:**

Not expected to be irritating, sensitizing, photoallergenic or phototoxic when used as intended. If irritation occurs following intended use or prolonged contact it is expected to be mild and

transient.

• **Inhalation:**

May cause mild, transient respiratory irritation. Avoid prolonged contact to concentrated vapors.

• **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.

### SECTION 3 - COMPOSITION AND INGREDIENTS

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

- Ultra Sheen Gentle Treatment No-Lye Conditioning Crème Relaxer (95461200)  
Water, Petrolatum, Mineral Oil, Stearyl Alcohol, Calcium Hydroxide, Cetearyl Alcohol, PEG-75 Lanolin, Behentrimonium Methosulfate, Propylene Glycol, Polyquaternium-6, Cocamidopropyl Betaine, Fragrance, Butylphenyl Methylpropional, Quaternium-18 Hectorite, Propylene Carbonate, Formic Acid, BHT, Tocopherol
- Ultra Sheen No-Lye Activator (95460736)  
Water, Guanidine Carbonate, Xanthan Gum, Sorbitol, Denatonium Benzoate
- Ultra Sheen Neutralizing Shampoo (95409171)  
Water, Cocamidopropyl Betaine, Ammonium Laureth Sulfate, Polysorbate 20, Ammonium Lauryl Sulfate, Citric Acid, Cocamide DEA, Lauramide DEA, Fragrance, Polyquaternium-7, Methylparaben, Diazolidinyl Urea, Tetrasodium EDTA, Propylparaben, FD&C Yellow No. 5, Sodium Chloride, Ammonium Xylene Sulfonate, Sodium Hydroxide
- Ultra Sheen Leave-In Conditioner and Setting Styling Lotion (95424075)  
Water, Polyquaternium-7, Imidazolidinyl Urea, Methylparaben, Oleth-20, Propylparaben, Disodium EDTA, Fragrance, Tetrasodium EDTA, Panthenol, Aloe Barbadosensis Leaf Juice, Silk Amino Acids, FD&C Red No. 40, Chamomilla Recutita (Matricaria) Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Rosa Damascena Extract, Jasminum Officinale (Jasmine) Extract, Salvia Sclarea (Clary) Extract, Pelargonium Graveolens Extract, Citric Acid, Sodium Hydroxide
- Yellow-Out (95498319)  
Water, Stearalkonium Chloride, Cetearyl Alcohol, Cetyl Alcohol, Hydrogen Peroxide, Cetearth-20, Propylene Glycol, Polyquaternium-22, Pentasodium Pentetate, Phosphoric Acid

Hazardous Ingredients contained in Yellow-Out as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under the HPA:

Chemical Name	Common Name	CAS No.	Composition Range	LD50/LC50
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Hydrogen Peroxide	Hydrogen Peroxide	7722-84-1	1-5%	LD <sub>50</sub> (skin) = 4,060 mg/kg (rat) LC <sub>50</sub> = 2 g/m <sup>3</sup> (4 hours, rat)
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#### SECTION 4 - FIRST AID MEASURES

- **Eye:**

Following accidental eye exposure, thorough rinsing of the affected area for 15-20 minutes with clean, cold water is recommended. If discomfort or irritation persists, contact a physician. If the eyes or face becomes swollen during or following use, consult a physician or emergency room immediately.

- **Skin Problem:**

Thoroughly rinse with water. Discontinue use of product. If discomfort persists and/or the skin reaction worsens, contact a physician immediately.

- **Inhalation:**

If respiratory irritation occurs, remove individual to fresh air.

- **Ingestion:**

Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting. Note: After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

#### SECTION 5 - FIRE FIGHTING MEASURES

- **Flash Point:** Not applicable.

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

- **Explosion Hazard:** No applicable information has been found.

- **Fire Fighting Instructions:** Contact emergency personnel. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives. Decomposition of hydrogen peroxide will release oxygen which will increase the explosive limit range and burning rate of flammable materials.

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

**For Household Settings:** Absorb spills with inert material. Dilute with water. Absorb liquid and scrub the area with detergent.

**For Non-Household Settings:**

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:**

**For Household Settings:**

Avoid contact with eyes, skin and clothing. Keep out of reach of children.

Relaxer: Contains Alkali. Follow directions carefully to avoid to avoid skin and scalp burns, hair breakage or eye injury. Hair is flammable.

Yellow-Out: Do not breathe vapor. Provide sufficient air exchange and/or exhaust in work rooms. Contact with combustible material may cause fire. Do not use metal bowl/stirrer for mixing. Use mixture immediately, do not use any leftovers. If the components are mixed in a bottle, do not leave the mixture in the closed bottle (bottle may expand/burst).

**For Non-Household Settings:**

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.

- **Conditions for Safe Storage:**

**For Household Settings:**

Keep at temperatures above 32°F (0°C). Keep at temperature not exceeding 104° (40°C). Avoid contamination. Keep closed when not in use. Store in the original tightly capped containers away from sunlight, heat, sparks and flame. Use mixture immediately, do not use any leftovers. If the components are mixed in a bottle do not leave the mixture in the closed bottle (bottle may expand/burst). 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.

**For Non-Household Settings:**

Store in a well ventilated, cool area. Avoid contamination. Store in the original tightly capped containers away from sunlight, heat, sparks and flame. Decomposition of hydrogen peroxide may occur with increase in pressure and possible container rupture.

**Other Recommendations:** None.

## SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

**For Household Settings:**

This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

**For Non-Household Settings:**

Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective

clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<ul style="list-style-type: none"> <li>• <b>Color, Odor and Appearance:</b>  <b>Relaxer:</b> White viscous liquid with characteristic odor.  <b>Activator:</b> Clear colorless liquid.  <b>Shampoo:</b> Yellow viscous liquid with characteristic odor.  <b>Setting Styling Lotion:</b> Red liquid with characteristic odor.  <b>Yellow-Out:</b> White liquid with characteristic odor.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Melting Point:</b>  <b>Relaxer:</b> Not applicable.  <b>Activator:</b> Not applicable.  <b>Shampoo:</b> Not applicable.  <b>Setting Styling Lotion:</b> Not applicable.  <b>Yellow-Out:</b> Not applicable.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Physical State</b>  <b>Relaxer:</b> Liquid.  <b>Activator:</b> Liquid.  <b>Shampoo:</b> Liquid.  <b>Setting Styling Lotion:</b> Liquid.  <b>Yellow-Out:</b> Liquid.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Boiling Point:</b>  <b>Relaxer:</b> <math>\geq 212^{\circ}\text{F}</math> (<math>100^{\circ}\text{C}</math>)  <b>Activator:</b> <math>\geq 212^{\circ}\text{F}</math> (<math>100^{\circ}\text{C}</math>)  <b>Shampoo:</b> <math>\geq 212^{\circ}\text{F}</math> (<math>100^{\circ}\text{C}</math>)  <b>Setting Styling Lotion:</b> <math>\geq 212^{\circ}\text{F}</math> (<math>100^{\circ}\text{C}</math>)  <b>Yellow-Out:</b> <math>\geq 212^{\circ}\text{F}</math> (<math>100^{\circ}\text{C}</math>)</li> </ul>
<ul style="list-style-type: none"> <li>• <b>pH:</b>  <b>Relaxer:</b> <math>&gt;12.0</math>  <b>Activator:</b> 11.0-11.8  <b>Shampoo:</b> 4.0-5.0  <b>Setting Styling Lotion:</b> 5.0-6.8  <b>Yellow-Out:</b> 3.5-4.0</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Solubility in Water:</b>  <b>Relaxer:</b> Soluble.  <b>Activator:</b> Slightly insoluble.  <b>Shampoo:</b> Soluble.  <b>Setting Styling Lotion:</b> Soluble.  <b>Yellow-Out:</b> Soluble.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Flashpoint:</b>  <b>Relaxer:</b> Not applicable.  <b>Activator:</b> Not applicable.  <b>Shampoo:</b> Not applicable.  <b>Setting Styling Lotion:</b> Not applicable.  <b>Yellow-Out:</b> Not applicable.</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>  <b>Relaxer:</b> Not applicable.  <b>Activator:</b> Not applicable.  <b>Shampoo:</b> Not applicable.  <b>Setting Styling Lotion:</b> Not applicable.  <b>Yellow-Out:</b> Not applicable.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Specific Gravity:</b>  <b>Relaxer:</b> 0.91-0.94  <b>Activator:</b> 1.05-1.07  <b>Shampoo:</b> 1.01-1.03  <b>Setting Styling Lotion:</b> 0.99-1.01  <b>Yellow-Out:</b> 0.99-1.01</li> </ul>

### SECTION 10 - STABILITY AND REACTIVITY

- **Conditions to Avoid:**  
Store away from acids, flammable liquids, flammable solids, aerosols and other incompatible materials. Never return unused material to original container. Avoid extreme heat and ignition sources.  
Activator: Hydrolyzes in hot water – risk of violent reaction. Do not expose to temperatures above  $302^{\circ}\text{F}$  ( $150^{\circ}\text{C}$ ).

- **Other Recommendations:** None.

### SECTION 11 - TOXICOLOGICAL INFORMATION

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

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

**Target Organs:** No adverse health effects on target organs expected for finished product.

**Carcinogenicity:** Finished product is not expected to be carcinogenic.

**NTP:** No **IARC:** No **OSHA:** No

### 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. Additional information is available from the supplier on request.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be in accordance with Federal, State/Provincial and Local regulations.

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

**For Non-Household Settings:** Products covered by this MSDS, 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.

**California Waste Code:** 331

### SECTION 14 - TRANSPORT INFORMATION

Finished packaged product transported by ground (DOT): Non hazardous

Finished packaged product transported by vessel (IMDG): Non hazardous

Finished packaged product transported by air (IATA): Non hazardous

### SECTION 15 - ADDITIONAL REGULATORY INFORMATION

EU DPD (Dangerous Products Directive) Classification (DPD 88/379/EEC).

Regulated as a Cosmetic and/or Drug under FDA (US), HPB (Canada), Cosmetic Directive (EU), MHW (Japan) and MOH (China).

While the finished product(s) is not considered hazardous as defined in 29 CFR 1910.1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of the product.

## **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):**

#### **Relaxer:**

<b>Ingredient</b>	<b>CAS #</b>	<b>Level</b>	<b>RQ</b>
Formic Acid	64-18-6	<0.5%	5000 lbs.

#### **Shampoo:**

<b>Ingredient</b>	<b>CAS #</b>	<b>Level</b>	<b>RQ</b>
Sodium Hydroxide	1310-73-2	<0.5%	1000 lbs.

#### **Setting Styling Lotion:**

<b>Ingredient</b>	<b>CAS #</b>	<b>Level</b>	<b>RQ</b>
Sodium Hydroxide	1310-73-2	0.1-1%	1000 lbs.

### **Yellow-Out:**

<b>Ingredient</b>	<b>CAS #</b>	<b>Level</b>	<b>RQ</b>
Phosphoric Acid	7664-38-2	<0.5%	5000 lbs.

### **SARA 313/302/304/311/312 chemicals:**

#### **Relaxer:**

<b>Ingredient</b>	<b>CAS #</b>	<b>Level</b>	<b>313</b>	<b>302</b>	<b>304</b>	<b>311</b>	<b>312</b>
Formic Acid	64-18-6	<0.5%	Yes	No	No	No	No

## **Canada**

All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products 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 are present in the finished product and are listed on the following state right-to-know lists:

#### **Relaxer:**

<b>Ingredient</b>	<b>CAS #</b>	<b>Level</b>	<b>State</b>				
Mineral Oil	8012-95-1/ 8020-83-5	10-30%	IL	MA	NJ	PA	RI
Stearyl Alcohol	112-92-5	3-7%			NJ		
Calcium Hydroxide	1305-62-0	3-7%	IL	MA	NJ	PA	RI

Cetearyl Alcohol	67762-27-0	1-5%			NJ		
Propylene Glycol	57-55-6	0.5-1.5%				PA	RI
Formic Acid	64-18-6	<0.5%	IL	MA	NJ	PA	RI
BHT	128-37-0	<0.5%	IL	MA	NJ	PA	RI

Shampoo:

Ingredient	CAS #	Level	State				
Sodium Hydroxide	1310-73-2	<0.5%	IL	MA	NJ	PA	RI

Setting Styling Lotion:

Ingredient	CAS #	Level	State				
Sodium Hydroxide	1310-73-2	0.1-1%	IL	MA	NJ	PA	RI

Yellow-Out:

Ingredient	CAS #	Level	State				
Cetearyl Alcohol	67762-27-0	1-5%			NJ		
Cetyl Alcohol	36653-82-4	1-5%			NJ		
Hydrogen Peroxide	7722-84-1	1-5%	IL	MA	NJ	PA	RI
Propylene Glycol	57-55-6	1-5%				PA	RI
Phosphoric Acid	7664-38-2	<0.5%	IL	MA	NJ	PA	RI

Other

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

**SECTION 16 - OTHER INFORMATION**

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. 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. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.