1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product identifier</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Professional Black Streak Remover</td>
</tr>
<tr>
<td>Other means of identification</td>
<td></td>
</tr>
<tr>
<td>Product Code</td>
<td>Z495</td>
</tr>
<tr>
<td>Synonyms</td>
<td>None</td>
</tr>
</tbody>
</table>

Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Nyco Products Company</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5332 Dansher Road</td>
</tr>
<tr>
<td></td>
<td>Countryside, IL 60525</td>
</tr>
<tr>
<td></td>
<td>(708) 579-8100</td>
</tr>
<tr>
<td></td>
<td>nycoproducts.com</td>
</tr>
</tbody>
</table>

Emergency telephone number

| Emergency Telephone | Chemtrec 1-800-424-9300 |

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Classification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Label elements

Warning

Hazard statements

Causes skin irritation
Causes serious eye irritation

Emergency Overview

Appearance Clear
Physical state Liquid
Odor Orange
Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
Specific Treatment (See Section 4 on the SDS)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting
Drink plenty of water
Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Disposal
Disposal should be in accordance with applicable regional, national and local laws and regulations

Hazards not otherwise classified (HNOC)
Other Information
• Harmful to aquatic life with long lasting effects
• Harmful to aquatic life

Unknown Acute Toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant Blend</td>
<td>Proprietary</td>
<td>3-7</td>
<td>*</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>1-methoxy-2-propanol</td>
<td>107-98-2</td>
<td>1-5</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures
Skin Contact: Wash off immediately with soap and plenty of water.
Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Inhalation: Remove to fresh air.
Ingestion: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed
Symptoms: Any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed
Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media  
Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical  
No Information available.

Explosion data  
Sensitivity to Mechanical Impact  
None.

Sensitivity to Static Discharge  
None.

Protective equipment and precautions for firefighters  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions  
Ensure adequate ventilation, especially in confined areas.

Environmental precautions  
Do not allow into any storm sewer drains, lakes, streams, ponds, estuaries, oceans or other surface water bodies. Should not be released into the environment. Dispose of according to all local city, state and federal rules and regulations.

Methods and material for containment and cleaning up

Methods for containment  
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up  
Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling  
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions  
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials  
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines  

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>TWA: 1 ppm</td>
<td>TWA: 1 ppm</td>
<td>IDLH: 75 ppm</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td>(vacated) TWA: 1 ppm</td>
<td>TWA: 1.4 mg/m³</td>
</tr>
<tr>
<td>1-methoxy-2-propanol</td>
<td>STEL: 100 ppm</td>
<td>(vacated) TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td>107-98-2</td>
<td>TWA: 50 ppm</td>
<td>(vacated) TWA: 360 mg/m³</td>
<td>TWA: 360 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 150 ppm</td>
<td>STEL: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 540 mg/m³</td>
<td>STEL: 540 mg/m³</td>
</tr>
</tbody>
</table>

NIOSH IDLH  Immediately Dangerous to Life or Health

Other Information  
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls  
Showers, Eyewash stations & Ventilation systems.
Individual protection measures, such as personal protective equipment

- **Eye/face protection**: Wear safety glasses with side shields (or goggles).
- **Skin and body protection**: Wear chemical resistant gloves.
- **Respiratory protection**: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene**: Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

#### Physical state
- **Appearance**: Clear
- **Color**: Colorless
- **Odor**: Orange
- **Odor threshold**: No Information available

#### Property Values

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pH</strong></td>
<td>3.0 - 3.5</td>
<td></td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>$&lt; 25$ cP @ $25^\circ$C</td>
<td></td>
</tr>
<tr>
<td><strong>Melting point/freezing point</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling point / boiling range</strong></td>
<td>99 °C / 210 °F Degrees</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability Limits in Air</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Upper flammability limit:</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Lower flammability limit:</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor pressure</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor density</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Water solubility</strong></td>
<td>Complete</td>
<td></td>
</tr>
<tr>
<td><strong>Partition coefficient</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Autoignition temperature</strong></td>
<td>No Information available</td>
<td></td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>No Information available</td>
<td></td>
</tr>
</tbody>
</table>

#### Other Information

- **Density Lbs/Gal**: 8.34
- **VOC Content (%)**: 2.86

### 10. STABILITY AND REACTIVITY

**Reactivity**: No data available

**Chemical stability**: Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**: None under normal processing.

**Conditions to avoid**: Extremes of temperature and direct sunlight.
Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

**Inhalation**
Avoid breathing vapors or mists. Inhalation of vapors in high concentration may cause irritation of respiratory system.

**Eye contact**
Avoid contact with eyes. Severely irritating to eyes. Direct contact may cause serious eye irritation.

**Skin Contact**
Avoid contact with skin. Irritating to skin. Prolonged contact may cause redness and irritation.

**Ingestion**
Do not taste or swallow. May cause gastrointestinal irritation. May cause stomach distress, nausea, or vomiting.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant Blend</td>
<td>&gt; 2000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rat)</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>1518 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit) = 4060 mg/kg (Rat)</td>
<td>2 g/m³ (Rat) 4 h</td>
</tr>
<tr>
<td>1-methoxy-2-propanol 107-98-2</td>
<td>7200 mg/kg (Rat)</td>
<td>13000 mg/kg (Rabbit)</td>
<td>7500 mg/L (Rat) 6 h</td>
</tr>
</tbody>
</table>

Information on toxicological effects

**Symptoms**
No Information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization**
No Information available.

**Germ cell mutagenicity**
No Information available.

**Carcinogenicity**
The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>A3</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7722-84-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ACGIH (American Conference of Governmental Industrial Hygienists)**
A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**
Group 3 - Not classifiable as a human carcinogen

**Reproductive toxicity**
No Information available.

**STOT - single exposure**
No Information available.

**STOT - repeated exposure**
No Information available.

**Target organ effects**
Central nervous system, EYES, Respiratory system, Skin.

**Aspiration hazard**
No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity**
0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

<table>
<thead>
<tr>
<th>ATEmix (oral)</th>
<th>ATEmix (dermal)</th>
<th>ATEmix (inhalation-dust/mist)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18,500.00</td>
<td>32,496.00</td>
<td>67.00</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION
Ecotoxicity

0.04% of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant Blend</td>
<td>-</td>
<td>1.2: 96 h Oncorhynchus mykiss mg/L LC50</td>
<td>5.3: 48 h Daphnia mg/L LC50</td>
</tr>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>2.5: 72 h Chlorella vulgaris mg/L EC50</td>
<td>16.4: 96 h Pimephales promelas mg/L LC50 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static</td>
<td>18 - 32: 48 h Daphnia magna mg/L EC50 Static 7.7: 24 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>1-methoxy-2-propanol 107-98-2</td>
<td>-</td>
<td>20.8: 96 h Pimephales promelas g/L LC50 static 4600 - 10000: 96 h Leuciscus idus mg/L LC50 static</td>
<td>23300: 48 h Daphnia magna mg/L EC50</td>
</tr>
</tbody>
</table>

Persistence and degradability
No Information available.

Bioaccumulation
Bioaccumulative potential.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-methoxy-2-propanol 107-98-2</td>
<td>-0.437</td>
</tr>
</tbody>
</table>

Other adverse effects
No Information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>Toxic Corrosive Ignitable Reactive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT
Not regulated

TDG
Not regulated

15. REGULATORY INFORMATION

International Inventories
TSCA Complies
DSL/NDSL Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

- Acute health hazard: No
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)
--- | --- | --- | ---
Hydrogen Peroxide 7722-84-1 | - | 1000 lb | -

US State Regulations

California Proposition 65
This product has been evaluated and does not require warning labeling under California Proposition 65.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide 7722-84-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1-methoxy-2-propanol 107-98-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA Health hazards 2 Flammability 0 Instability 0 Physical and Chemical Properties -

HMIS Health hazards 2 Flammability 0 Physical hazards 0 Personal protection B

Issue Date 12-Oct-2018
Revision Date 12-Oct-2018
Revision Note No Information available

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
End of Safety Data Sheet