

### SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

**DISTRIBUTOR**

GC AMERICA INC.  
 3737 West 127th St.  
 Alsip, Illinois, 60803  
 Telephone: 708-597-0900  
 Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.  
 Transportation Emergency No. 800-424-9300

**COMMON NAME:** GC TION, AT HOME GEL

**CHEMICAL NAME:** N.A.

**PRODUCT USE:** Take Home Whitening System

*The following information is provided with regard to the toxicity and hazards the pure components present in this product.*

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| COMPONENT              | C.A.S.    | EXPOSURE LIMITS                       | LD50/LC50                                     | %       |
|------------------------|-----------|---------------------------------------|---|---------|
| Propylene glycol       | 57-55-6   | TWA=10mg/m <sup>3</sup><br>Dow (mist) | LD50-20.0-33.7g/kg<br>(oral rat)<br>LC50=N.E. | 60-75 % |
| Urea hydrogen peroxide | 124-43-6  | N.E.                                  | N.E.  | 15-20 % |
| Potassium Nitrate      | 7757-79-1 | N.E.                                  | N.E.  | 3 %     |
| Glycerol               | 56-81-5   | N.E.                                  | N.E.  | 3 %     |
| Sodium Fluoride        | 7681-49-4 | N.E.                                  | N.E.  | 0.2 %   |

### SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

|  |   |
|--|---|
| <b>BOILING POINT:</b> N.E.                         | <b>SPECIFIC GRAVITY:</b> >1                             |
| <b>VAPOR PRESSURE:</b> N.E.                        | <b>MELTING POINT:</b> N.E.                              |
| <b>VAPOR DENSITY:</b> N.E.                         | <b>EVAPORATION RATE:</b> N.E.                           |
| <b>SOLUBILITY IN WATER:</b> Miscible               | <b>ODOR THRESHOLD:</b> N.E.                             |
| <b>COEFFICIENT OF OIL/WATER DISTRIBUTION:</b> N.E. | <b>APPEARANCE AND ODOR:</b> Clear gel, slight acid odor |

### SECTION 4 - FIRE AND EXPLOSION DATA

**FLASH POINT:** N.E.

**FLAMMABLE LIMITS:** N.E.

**EXTINGUISHING MEDIA:** Water spray may be used to extinguish surrounding fire and cool exposed containers.

**SPECIAL FIRE FIGHTING PROCEDURES:** In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full facepiece.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Oxidizer. Contact with oxidizable substances may cause violent combustion. Drying of concentrated hydrogen peroxide on clothing or other combustible materials may cause fire or explosion.

**HAZARDOUS COMBUSTION PRODUCTS:** Not combustible, but substance is an oxidizer and its heat of reaction with reducing agents or combustibles may cause ignition.

### SECTION 5 - REACTIVITY DATA

**STABILITY:** Stable  Unstable 
**POLYMERIZATION:** Will Not Occur  Will Occur 
**CONDITIONS TO AVOID:** Avoid high heat, humidity, reducing agents, organics, dirt and rust.

**INCOMPATIBILITY (Materials to Avoid):** Keep away from combustible substances, reducing agents, strong bases, and organics.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** The solution can decompose upon heating. Nitrogen oxides, Carbon dioxide, Carbon monoxide.

### SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

|                            | YES | NO | NE | NA | NTP | IARC | OSHA | OTHER |
|----------------------------|-----|----|----|----|-----|------|------|-------|
| <b>MUTAGENIC AFFECTS</b>   |     | X  |    |    |     |      |      |       |
| <b>TERATOGENIC AFFECTS</b> |     | X  |    |    |     |      |      |       |
| <b>REPRODUCTIVE TOXIN</b>  |     | X  |    |    |     |      |      |       |
| <b>CARCINOGENICITY</b>     |     | X  |    |    |     |      |      |       |
| <b>SENSITIZER</b>          |     | X  |    |    |     |      |      |       |

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued**ROUTES OF ENTRY:    Inhalation                       Skin                       Ingestion 

**HEALTH HAZARD (Acute and Chronic):** Corrosive. May cause burns to skin, eyes, and respiratory tract. Harmful if swallowed or inhaled. Vapors are irritating to eyes. Splash can cause tissue destruction. Vapors corrosive and irritating to respiratory tract.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Irritation to eyes, skin and respiratory tract.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention immediately.

**SKIN CONTACT:** Immediately flush skin with plenty of soap and water for at least 15 minutes. Seek medical attention immediately.

**INGESTION:** Do not induce vomiting. Give plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Ventilate area of leak or spill and dilute with water.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal guidelines.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool, well-ventilated dark area separated from combustible substances, reducing agents, strong bases, and organics. Protect containers from physical damage, contamination, heat and incompatibles. Contamination from any source (dust, metals) may cause rapid decomposition with generation of large quantities of oxygen gas and high pressures.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Recommended to use a supplied air, full-facepiece respirator, airtight hood, or full-facepiece self-contained breathing apparatus.

**VENTILATION:**    Local Exhaust – Recommended                      Mechanical:                       Special:                       Other:

**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.

**EYE PROTECTION:** Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate to prevent skin contact.

**WORK/HYGIENIC PRACTICE:** Observe good hygienic work practices.

**SECTION 9 - PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR.*

DATE: 16 April 2007

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

*The information herein is given in good faith but no warranty expressed or implied is made.*

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**FIRE – 0****TOXICITY – 1****NFPA****REACTIVITY – 0****SPECIAL – CORR**

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