Section 1: PRODUCT AND COMPANY IDENTIFICATION
Manufacturer: DCL Solutions
Address: 4201 Torresdale Avenue Philadelphia, PA 19124
EMERGENCY TELEPHONE NUMBER: 800-535-5053
Product Name: PAK-IT Neutral Disinfectant Cleaner F106, Q306
Issue Date: 10-21-09
Supersedes Date:

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS
Component/CAS # % by Wt.
Octyl decyl dimethyl ammonium chloride (CAS# 32426-11-2) .................15.24%
Dioctyl dimethyl ammonium chloride (CAS# 5538-94-3) ......................7.62%
Dodecyl dimethyl ammonium chloride (CAS# 7173-51-5) .................7.62%
Alcohol (50% C14, 40% C12, 10% C16)
dimethyl benzyl ammonium chloride (CAS# 68424-85-1) ..........20.32%

Section 3: HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW:
Appearance/Odor: Clear, dark green liquid
Concentrate may cause eye irritation. Prolonged or repeated contact with skin may cause irritation. May cause gastric distress if ingested.
Potential Health Effects: See Section 11 for more information
Likely Routes of Exposure: skin contact, eye contact, inhalation
Skin: Brief exposures may cause irritation of the skin.
Eyes: Causes irritation to eyes.
Inhalation: Mists and vapors can irritate the throat and respiratory tract.
Ingestion: Ingestation can cause gastrointestinal distress.
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP
This Material is NOT considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Potential Environmental Effects: See Section 12 for more information.

Section 4: FIRST AID MEASURES
FOR SKIN: Wash off skin and remove contaminated clothing. Do not reuse contaminated clothing.
FOR EYES: Flush eyes immediately with plenty of water for at least 15 minutes. Seek immediate medical aid.
IF INGESTED: If swallowed, do not induce vomiting. Have a person sip a glass of water if able to swallow. Consult a physician immediately.
INHALATION: Move person to fresh air. Seek immediate medical attention.
IF person is not breathing give artificial respiration.

Section 5: FIRE FIGHTING MEASURES
FLASH POINT (PF): 140º F
FLAMMABLE LIMITS: Not determined.
EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide, water fog or any other agent suitable for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.
FIRE FIGHTING EQUIPMENT & INSTRUCTIONS: Firefighters should wear full protective clothing.
EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide, water fog or any other agent suitable for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

Section 6: ACCIDENTAL RELEASE MEASURES
Personal Precautions: Use personal protection recommended in Section 8.
Prevent entry into waterways, sewers, basements or confined areas. For small spills: isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind.
Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area. Large Spills: Dike far ahead of liquid spill for later disposal. Pump into containers for disposal.

Section 7: HANDLING AND STORAGE
Handling Procedures: Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Storage Procedures: Keep the container tightly closed and in a cool, well-ventilated place. Store between 50º and 100º F at relative humidity 50-60%. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Keep out of reach of children.
DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE (OR EQUIVALENT) CONTAINER BEFORE DISPOSAL.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering Controls
Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Personal Protective Equipment: Eyes/Face Wear chemical goggles and face shield.
Personal Protective Equipment: Skin Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves. Use impervious gloves.
Personal Protective Equipment: Respiratory – Generally not required. If vapors are present or irritation is experienced, NIOSH approved respiratory protection for ammonia vapors should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES
BOILING POINT (ºF): N.D. SPECIFIC GRAVITY: 0.9 (on dilution <1.0)
VAPOR PRESSURE: Not Est. % VOLATILES BY WEIGHT: >10 (on dilution <1)
VAPOR DENSITY: Heavier than air EVAPORATION RATES: Slower than ethyl ether
SOLUBILITY IN WATER: Complete APPEARANCE: Clear, dark green liquid pH: @ Use Dilution 7.5-8.0
ODOR: Pleasant

Section 10: STABILITY AND REACTIVITY
STABILITY: Stable.
CONDITIONS TO AVOID: Keep from freezing, excessive heat and strong oxidizing agents.
INCOMPATIBILITY: Strong oxidizing (may result in fire), reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.
HAZARDOUS POLYMORIZATION: Will not occur.

Section 11: TOXICOLOGY INFORMATION
ACUTE EFFECTS: for Alkyl dimethyl/ benzyl ammonium chloride (C12-16) 68424-85-1)
Oral LD50: 426 mg/kg in rats; 919 mg/kg in mice (NIOSH)
Dermal LD50: Not determined
Inhalation: No data available
Eye: Irritant
Skin: Irritant
Sensitization: Not determined
CHRONIC EFFECTS
Carcinogenicity: No ingredients listed as potential or known carcinogens by OSHA, IARC or NTP.
Mutagenicity: No data available
Reproductive Effect: No data available
Developmental Effects: No data available

Section 12: ECOLOGICAL INFORMATION
Ecotoxicity: No data available for this product but it is considered toxic to fish.
Persistence/ Degradability: Biodegradable
Bioaccumulation/ Accumulation: No data available
Mobility in Environment: No data available

Section 13: DISPOSAL CONSIDERATIONS
WASTE DISPOSAL METHOD:
Although not considered a hazardous waste, the discarding or disposal of this material should be done in a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

Section 14: TRANSPORTATION INFORMATION
US DOT (ground)
DOT Hazard Class: Not regulated
Proper Shipping Description: Not applicable
Canadian TDG (ground): See US DOT
ICAO (air): See US DOT
IMDG (water): See US DOT

Section 15: REGULATORY INFORMATION
TSCA Status
While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses. Other Chemical Inventories
All components of this product are listed on the following inventories: Canada (DSL), European Union, China, Korean and Philippines. One or more ingredients are not listed on the following inventories: Australia and Japan. Most exclude “pesticides” from regulation.
WHMIS: Class D-2B, Toxic Material other Toxic Effects.

Section 16: OTHER INFORMATION
HAZARD Ratings
HMIS HEALTH: 1 1
FLAMMABILITY: 0 0
Physical Hazard: 0 0

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use.