

MATERIAL SAFETY DATA SHEET

A Product Of: Arrow Paper Corporation
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SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT MINTY CLEAN
Chemical name / synonyms: Quaternary ammonium compound solution.
Formula: Mixture
D.O.T.: Shipping Name: Disinfectant, Liquid D.O.T. Label: None
HMIS CODE: Health 1, Fire 0, Reactivity 0
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
Isopropyl Alcohol CAS# 67-63-0	2	400 ppm
N-Alkyl (C ₁₂₋₁₆)-N,N-dimethyl-N-benzylammonium chloride CAS #68424-85-1	2	NE
Nonylphenol ethoxylate CAS# 9016-45-9	2	NE

SECTION III - PHYSICAL DATA

Boiling Pt (°F): 212
Vapor Pressure(mm Hg): NA
Vapor Density (air=1): NA
Solubility in water: complete
Appearance and Odor: Yellow liquid, minty odor.

Specific Gravity: 1.00
V.O.C. (% by weight): 2
Evaporation Rate (water=1): 1
pH: 12

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): 145
test method: NA

Flammable limits in air (vol%)
Upper: NA Lower: NA

Extinguishing Media: As necessary for surrounding fire.
Special fire fighting procedures: NA
Unusual fire and explosion hazard: NA

SECTION V - HEALTH HAZARD DATA - ROUTES OF ENTRY

Threshold Limit Value: See Section II
Acute Effects of Overexposure: EYES- corrosive, irritation, redness, tearing, can cause severe damage. SKIN- irritation, dermatitis, harmful if absorbed through the skin. INHALATION- irritation to mucous membranes. INGESTION- burning of mouth, throat, abdomen and severe swelling of the larynx, skeletal muscle paralysis, affecting the ability to breathe, circulatory shock, convulsions, may be fatal.
Chronic Effects of Exposure are unknown.

Emergency and first aid procedures: EYES- flush with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. SKIN- remove contaminated clothing and launder before reuse. Wash skin with soap and water. INHALATION- remove person to fresh air. Administer artificial respiration if indicated. Obtain immediate medical assistance. INGESTION- give large quantities of milk, gelatin solution or water. Do not induce vomiting. If vomiting occurs spontaneously, give fluids again. Do not give anything by mouth to a convulsing or unconscious person. Call physician or poison center immediately.

Chemicals Listed as Carcinogens By: (Yes or No)
National Toxicology Program: No
I. A. R. C. Monographs: No
OSHA: No

SECTION VI - REACTIVITY DATA

Stability: stable
Hazardous decomposition products: Not determined.
Hazardous polymerization products: Will not occur.
Conditions to avoid: Mixing with strong acids or anionics.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Caution! Floors may become slippery. Large spills: Dike and contain. Place in nonleaking containers for disposal agency. Small spills: soak or mop up. Small spills may be flushed to sewer.
Waste disposal method: Small quantities will evaporate readily. Large amounts should be given to licensed disposal agency for landfill approved for pesticides. Or consult federal, state or local disposal authorities for approved alternatives such as limited open burning.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: NA
Ventilation -local exhaust: recommended
-mechanical exhaust: NA
Protective gloves: rubber
Eye protection: chemical goggles if contact is likely.
Other protective equipment: none

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35 °F.
Keep container tightly closed when not in use.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Avoid contamination of food or water supplies.

NA means NOT APPLICABLE on this form.
NE means NONE ESTABLISHED on this form.

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described on the label or in the Product Data Sheet is the responsibility of the user.

This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communication Regulation and the Massachusetts Right to Know Law.