

MATERIAL SAFETY DATA SHEET
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HAZARD RATINGS (0=Least, 1=Slight, 2=Moderate, 3=High, 4=Severe)

HEALTH = 1
FIRE = 0
REACTIVITY = 1
EQUIPMENT = 0

SECTION I - PRODUCT DESCRIPTION

PRODUCT NAME: **Cycle-Emulsifier**
PRODUCT CODE: **C-23**
GENERAL DESCRIPTION: **Carpet Steam and Extraction Cleaner**
CHEMICAL NATURE: **Surfactant/Solvent/Builder Blend**

SECTION II - PRODUCT COMPOSITION (OSHA Listed Potentially Hazardous Ingredients)

CAS# 7664-38-2 Phosphoric Acid, 75% <4%

CAS# 7722-84-1 Hydrogen Peroxide <7%

SECTION III - PHYSICAL PROPERTIES

BOILING RANGE: **NE**
SPECIFIC GRAVITY: (Water = 1) **1.036 ± .005**
VAPOR PRESSURE AT 20C: (MM of HG) **Equivalent to water**
VAPOR DENSITY: (Air = 1) **Equivalent to water**
SOLUBILITY IN WATER: **Infinite**
SOLUBILITY IN SOLVENT: **Miscible**
EVAPORATION RATE: **Equivalent to water**
APPEARANCE: **Deep Blue liquid**
ODOR: **Citrus**
PH RANGE: **1% Solution 9.4 ± .5**

SECTION IV - FIRE AND EXPLOSION DATA

LOWER FLAMMABILITY LIMITS: (% in Air) **Not pertinent**
FLASH POINT: (And Method) **Not pertinent**
FLAMMABILITY CLASSIFICATION: **Not flammable**
UNUSUAL FIRE/EXPLOSION HAZARDS: **None**
RECOMMENDED EXTINGUISHING MEDIA: **Water spray, carbon dioxide, dry chemical powder**
SPECIAL FIRE FIGHTING PROCEDURES: **None.**

SECTION V - HEALTH INFORMATION

ACUTE TOXICITY: **Non-toxic**
THRESHOLD LIMIT VALUE: **No limit**
EFFECTS OF OVEREXPOSURE: **Ingestion: Can damage esophagus. Burning of the mouth and/or irritation of the stomach can develop following ingestion. Eye contact: This material will cause eye irritation. Skin contact: Redness may develop on hands and forearms. Dermatitis and skin sensitization can develop. Skin absorption: Systemically toxic concentrations will probably not be absorbed through the skin in humans. Inhalation: None**
OTHER EFFECTS OF OVER EXPOSURE: **None**
EMERGENCY FIRST AID PROCEDURES:
EYE CONTACT: **Immediately flush with plenty of water for at least 15 minutes. If irritation persists have eyes examined and treated by medical personnel.**
SKIN CONTACT: **If irritation occurs remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse.**
INHALATION: **If vapors are bothersome remove patient to fresh air.**
INGESTION: **Drink water to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center.**

SECTION VI - REACTIVITY DATA

STABILITY: **Stable under normal conditions. CONDITIONS TO AVOID: Aluminum. INCOMPATIBILITY WITH OTHER MATERIALS: Acids, Chlorine Bleach, Oxidizers**
HAZARDOUS DECOMPOSITION MATERIALS: **None. HAZARDOUS POLYMERIZATION: Will not occur**

SECTION VII - FIRE AND SPILL/LEAK PROCEDURES

IN CASE OF FIRE: **No special precautions. PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: Where possible flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbent and sweep up.**

For large spills, contain and collect. WASTE DISPOSAL PROCEDURES: Dispose of this product or its residues in accordance with all local, state and federal requirements.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required for recommended use. LOCAL EXHAUST: Normal room ventilation. PROTECTIVE GLOVES AND CLOTHING: None required under normal conditions. EYE PROTECTION: None required for recommended use. If need is determined use safety glasses or face shield. OTHER PROTECTIVE EQUIPMENT: As determined by or recommended by federal state or local regulations.

The information herein is presented in good faith and believed to be correct as of the date hereof. However, Clean Environment makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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