

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 = 0
EQUIPMENT = B

SECTION I - PRODUCT DESCRIPTION

PRODUCT NAME: **CYCLE DEGREASE**
PRODUCT CODE: **C-2**
GENERAL DESCRIPTION: Heavy Duty Water Soluble Degreaser/Cleaner
CHEMICAL NATURE: Surfactant/Solvent/Builder Blend

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

CAS# 6834-92-0 Sodium Metasilicate <6%

TWA, PEL, STEL, CEILING Not Established

CAS# 497-19-8 Sodium Carbonate <5%

TWA, PEL, STEL, CEILING Not Established

CAS# 5989-27-5 d-Limonene <4%

TWA, PEL, STEL, CEILING Not established

SECTION III - PHYSICAL PROPERTIES

BOILING RANGE: NE
SPECIFIC GRAVITY: (Water = 1) 1.05 ± .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: Blue liquid
ODOR: Citrus
PH RANGE: [100% 11.9] [1% Solution 9.3] ± .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 known
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 known
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 known.
OTHER EFFECTS OF OVER EXPOSURE: None known.

CONTINUED ON BACK

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: None known

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.

SECTION IX - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME : N/A

DOT LABEL : N/A

DOT NUMBER : N/A

UN NUMBER : N/A

MCO CLASS : N/A

DOT HAZARD CLASSIFICATION : N/A

SECTION X - ADDITIONAL PRECAUTIONS

No additional precautions.

The information herein is presented in good faith and believed to be correct as of the date hereof. However, Van-Tech Industries 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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