

MATERIAL SAFETY DATA SHEET

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7/25/09

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

HEALTH = 1
FIRE = 2
REACTIVITY = 0
EQUIPMENT = A

SECTION I - PRODUCT DESCRIPTION

PRODUCT NAME: **THE NATURAL SOLVENT CLEANER/SPOT REMOVER**
PRODUCT CODE: **N-3**
GENERAL DESCRIPTION: All Purpose Cleaning Solvent
CHEMICAL NATURE: Solvent Blend

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

Contains no hazardous ingredients.

SECTION III - PHYSICAL PROPERTIES

BOILING RANGE: NE
SPECIFIC GRAVITY: (Water = 1) .838 ± .02
VAPOR PRESSURE AT 20C: (MM of HG) NE
VAPOR DENSITY: (Air = 1) NE
SOLUBILITY IN WATER: 1%
SOLUBILITY IN SOLVENT: 100%
EVAPORATION RATE: NE
APPEARANCE: Clear Liquid
ODOR: Citrus
PH RANGE: Not Applicable

SECTION IV - FIRE AND EXPLOSION DATA

LOWER FLAMMABILITY LIMITS: (% In Air) N/E
FLASH POINT: (And Method) 145 degrees F ± 5 degrees
FLAMMABILITY CLASSIFICATION: Combustible Liquid
UNUSUAL FIRE/EXPLOSION HAZARDS: Combustible Liquid. Keep away from heat, sparks and open flame

RECOMMENDED EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical powder

SPECIAL FIRE FIGHTING PROCEDURES: SCBA recommended; smother to exclude air. Do not use water; handle as an oil fire Class B fire procedures.

SECTION V - HEALTH INFORMATION

ACUTE TOXICITY: Non-toxic.

THRESHOLD LIMIT VALUE: Unknown

ROUTE(S) OF ENTRY: NOSE, THROAT AND LUNGS

HEALTH HAZARDS (ACUTE AND CHRONIC):

May be irritating to mucous membranes of the nose, throat and lungs.

Over-exposure by inhalation may cause respiratory irritation. Prolonged exposure may result in skin burns and ulcerations.

EFFECTS OF OVEREXPOSURE: Ingestion: Irritating to the gastrointestinal tract, causing abdominal pain and vomiting. Eye contact:

Moderate eye irritant. Skin contact: Mildly irritating to skin. Skin absorption: Systemically toxic concentrations will probably not be absorbed through the skin in humans. Inhalation: May cause mild irritation to the nose, throat and respiratory tract.

OTHER EFFECTS OF OVER EXPOSURE: Irritating as noted above.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. Asthma, Dermatitis.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

SKIN CONTACT: If irritation occurs remove contaminated clothing and footwear. Wash material off the skin with plenty of water. Wash clothing and footwear before reuse. Get medical attention if irritation persists.

INHALATION: Remove to fresh air and provide oxygen if breathing is difficult.

INGESTION: Do not induce vomiting. Drink a large quantity of water. Seek medical attention immediately.

NATURAL SOLVENT

SECTION VI - REACTIVITY DATA

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: Excessive heat

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents and acidic agents, including acidic clays. Reacts explosively with Iodine Pentafluoroethylene

HAZARDOUS DECOMPOSITION MATERIALS: Smoke may be acrid and fume irritating. Burning generates CO, CO₂ and smoke.

Product is not an oxygen donor.

HAZARDOUS POLYMERIZATION: None described.

CONDITIONS TO AVOID FOR POLYMERIZATION: Polymerization catalysts such as aluminum chloride.

SECTION VII - SPILL/LEAK PROCEDURES

PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: Absorb with an inert material and place in an appropriate waste disposal container.

WASTE DISPOSAL PROCEDURES: Incinerate or dispose of this product or its residues in accordance with all local, state and federal requirements.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None normally required, but if vapor concentration becomes high, use self contained air mask.

LOCAL EXHAUST: Normal room ventilation should be adequate. Mechanical ventilation otherwise recommended if necessary.

PROTECTIVE GLOVES AND CLOTHING: None required under normal conditions. Otherwise use chemically resistant gloves.

EYE PROTECTION: Splash goggles.

OTHER PROTECTIVE EQUIPMENT: Usually not needed. Otherwise as determined by or recommended by federal state or local regulations.

APPROPRIATE HYGIENIC PRACTICES: Wash thoroughly after handling.

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 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep locked up. Keep container dry. Do not ingest. Do not breathe gas, fumes, vapor or spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Avoid breathing vapors or spray mists. Keep out of the reach of children. For institutional and commercial use. Store away from heat or flame.

Store in sprinklered warehouse. Keep temperature below 60 degrees C (140 degrees F) for quality control. Avoid acids and oxidizing agents. Store in tightly sealed, full containers. Clean up all spills. All handling equipment should be electrically grounded.

OTHER PRECAUTIONS: Product may expand slightly in storage causing pressure to build on container. Open container carefully if product appears to be under pressure.

SECTION XI – ECOLOGICAL INFORMATION

Non-ecotoxic

Biodegradability >90% @28 days. EPA activated sludge test

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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