

# MATERIAL SAFETY DATA SHEET

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

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

## SECTION I - PRODUCT DESCRIPTION

PRODUCT NAME: **THE NATURAL HAND SOAP**  
PRODUCT CODE: **N-12**  
GENERAL DESCRIPTION: Shampoo Concentrate  
CHEMICAL NATURE: Surfactant

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

Contains no hazardous ingredients

## SECTION III - PHYSICAL PROPERTIES

BOILING RANGE: N/E  
SPECIFIC GRAVITY: (Water = 1) .967  
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: Clear Viscous liquid  
ODOR: Green Apple  
PH RANGE: 6.5 ± .5

## SECTION IV - FIRE AND EXPLOSION DATA

LOWER FLAMMABILITY LIMITS: (% In Air) Not pertinent  
FLASH POINT: (And Method) >500 DEG F  
FLAMMABILITY CLASSIFICATION: Not flammable  
UNUSUAL FIRE/EXPLOSION HAZARDS: None  
RECOMMENDED EXTINGUISHING MEDIA: 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: No effect if ingested in small amounts. Relative to other materials a single dose of this product is not toxic by ingestion. Numbness of the mouth and/or irritation of the stomach can develop following ingestion. Eye contact: This material may cause eye irritation. Skin contact: Slight redness may develop on hands and forearms if individual has a history of dermal allergic reaction. Skin absorption: Systemically toxic concentrations can not be absorbed through the skin in humans. Inhalation: None.  
OTHER EFFECTS OF OVER EXPOSURE: None.

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## NATURAL HAND SOAP

### EMERGENCY FIRST AID PROCEDURES:

EMERGENCY FIRST AID CALL: 1-303-623-5716 COLLECT

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: Wash material off the skin with plenty of water.

INHALATION: No treatment needed.

INGESTION: Drink water or milk 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

INCOMPATIBILITY WITH OTHER MATERIALS: None

HAZARDOUS DECOMPOSITION MATERIALS: Irritating organic vapors

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: Local exhaust in a confined area

PROTECTIVE GLOVES AND CLOTHING: None required

EYE PROTECTION: Eye protection is not normally needed but safety glasses offer increased protection. Follow good workplace and hygienic practices.

OTHER PROTECTIVE EQUIPMENT: As determined by or recommended by federal state or local regulations.

### SECTION IX - ADDITIONAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN:

Should be stored between 40 F deg and 100 F deg in order to insure long life of the product. Follow all general safety 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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