

**Material Data Safety Sheet  
Snappy Teak-Nu Formula # 2**

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**Section 1 - Product and Company Identification  
Snappy Teak-Nu Formula # 2**

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**Product Identification:** Snappy Teak-Nu Formula # 2  
**Date of MSDS:** 03/12/1988 **Technical Review** 11/07/2005  
**Manufacturer's Name:** Snappy Marine, Inc  
**Manufacturer's Address1:** 2713 NW 29<sup>th</sup> Terrace  
**Manufacturer's Address2:** Oakland Park, Florida 33311  
**Manufacturer's Country:** US  
**General Information Telephone:** 954-486-3513  
**Emergency Telephone:** 800-535-5053  
**Contractor's Name:** Snappy Europe AB  
**Contractor's Telephone:** +46 8 7163606

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**Section 2 - Composition/Information on Ingredients  
Snappy Teak-Nu Formula # 2**

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**Ingredient Name:** HYDROCHLORIC ACID SOLUTION (SARA III) <8%  
**Ingredient CAS Number:** 7647-01-0 **Ingredient CAS Code:** M  
**EPA Reporting Quantity:** 5000 lbs  
**DOT Reporting Quantity:** 5000 lbs

**Ingredient Name:** WATER  
**Ingredient CAS Number** 7732-18-5 **Ingredient CAS Code** M  
**Other REC Limits:** NONE ESTABLISHED  
**OSHA PEL:** NOT ESTABLISHED **OSHA PEL CODE** M  
**EPA Reporting Quantity:**  
**DOT Reporting Quantity:**

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**Section 3 - Hazards Identification Including Emergency Overview**

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**Health Hazards Acute & Chronic:** ACUTE-EYES: IRRITATION, PAINFUL BURN SKIN: MILD BURNS. INHALATION: ULCERATION OF NOSE, THROAT, LARYNX. INGESTION: BURNS OF MUCOUS MEMBRANE OF MOUTH, ESOPHAGUS, STOMACH. CHRONIC-PROLONGED EXPOSURE TO LOW VAPOR CONCENTRATIONS MAY CAUSE DENTAL DISCOLORATION & EROSION EXPOSED TEETH, BLEEDING OF NOSE & GUMS.

**Signs & Symptoms of Overexposure:** EYES: PAINFUL BURNS. SKIN: HARSH BURNS: INHALATION: COUGHING, BURNING OF THROAT, CHOKING SENSATION. INGESTION: LIPS AND MOUTH COULD TURN WHITE AND LATER BROWN. PAIN IN THE THROAT AND STOMACH, DIFFICULTY IN SWALLOWING, INTENSE THIRST, NAUSEA AND VOMITING.

**Medial Conditions Aggravated by Exposure:**  
PERSONS WITH PRE-EXISTING DISEASE

**Route of Entry Indicators:**

**Inhalation:** YES  
**Skin:** YES  
**Ingestion:** YES

**Carcinogenicity Indicators:**

**NTP:** NO  
**IARC:** NO  
**OSHA:** NO

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**Section 4 - First Aid Measures**  
**Snappy Teak-Nu Formula # 2**

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**First Aid:**

INHALATION: REMOVE TO FRESH AIR. RESISTATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVISE. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION.

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**Section 5 - Fire Fighting Measures**

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**Fire Fighting Procedures:** FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE ACID RESISTANT CLOTHING. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

**Unusual Fire or Explosion Hazard:** NO FIRE HAZARD EXISTS DIRECTLY FROM HCL. HOWEVER, WHEN HCL COMES IN CONTACT WITH COMMON METALS, IT CAN GENERATE HYDROGEN GAS.

**Extinguishing Media:**

WATER, FOAM, DRY CHEMICAL

**Flash Point:** **Flash Point Text:** NONE

**Autoignition Temperature:**

**Autoignition Temperature Text:** N/A

**Lower Limit(s):** N/R

**Upper Limit(s):** N/R

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### Section 6 - Accidental Release Measures

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**Spill Release Procedures:**

LARGE SPILLS SHOULD BE CONTAINED & PUMPED INTO TANKS WHICH HAVE BEEN CONSTRUCTED FOR HCL SERVICES. SMALL SPILLS CAN BE HANDLED BY ABSORPTION & REACTED WITH LARGE AMOUNTS OF DRY ALKALI (SODA ASH OR LIME), & SHOVELED INTO CONTAINERS FOR DISPOSAL.

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### Section 7 - Handling and Storage

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**Safe Handling:** Ensure adequate ventilation. Wear suitable protective equipment.

**Safe Storage:** Keep containers tightly closed and in a well ventilated place at all times. Do not store in metal containers.

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### Section 8 - Exposure Controls & Personal Protection

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**Respiratory Protection:** POWERED AIR-PURIFYING RESPIRATOR WITH AN ACID GAS CARTRIDGE OR SELF-CONTAINED BREATHING APPARATUS AS REQUIRED FOR THE EXPOSURE OF CONCERN.

**Ventilation:** GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN ENCLOSED AREAS.

**Protective Gloves:** RUBBER, PVC

**Eye Protection:** CHEMICAL GOGGLES AND/OR FULL FACE SHIELD

**Other Protective Equipment:** IMPERVIOUS CLOTHING, FOOTWEAR AND HEAD GEAR.  
EYE WASH STATION AND SAFETY SHOWER.

**Supplemental Health & Safety Information:** N/P

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### Section 9 - Physical & Chemical Properties

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**NRC/State Licence Number:** N/R

**Boiling Point:** Boiling Point Text: 186F,90C

**Freezing Point:** -44F,-42C

**Specific Gravity:** >Water - 1.045

**Viscosity:** UNKNOWN

**Solubility in Water:** SOLUBLE

**Appearance and Odor:** ORANGE TO RED SOAPY LIQUID WITH SLIGHTLY PUNGENT ODOR.

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### Section 10 - Stability & Reactivity Data Snappy Teak-Nu Formula # 2

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**Stability Indicator:** YES

**Materials to Avoid:** OXIDIZING SUBSTANCES, COMMON METALS, ALKALI OR ACTIVE METALS.

**Stability Condition to Avoid:** N/K

**Hazardous Decomposition Products:** HYDROGEN GAS IS GENERATED IN CONTACT WITH MANY METALS. CONTACT WITH STRONG OXIDIZERS MAY PRODUCE CHLORINE GAS.

**Hazardous Polymerization Indicator:** NO

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### Section 11- Toxicological Information Snappy Teak-Nu Formula # 2

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**Toxicological Information:** N/P

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### Section 12 - Ecological Information

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**Ecological Information:** N/P

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### Section 13 - Disposal Considerations Snappy Teak-Nu Formula # 2

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**Waste Disposal Methods:** NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER.  
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,  
STATE AND LOCAL LAWS AND REGULATIONS.

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**Section 14 - Transportation Information**  
**Snappy Teak-Nu Formula # 2**

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**Other Information:** N/P

**HMIS Transportation Information**

**Product Identification:** SNAPPY TEAK-NU FORMULA # 2

**Date MSDS Prepared:** 03/12/1988

**Date MSDS Reviewed:** 11/07/2005

**Container Information:** MAXIMUM GALLON

**Container Quantity:** 1

**Net Unit Weight:** 38 LB.

**Article without MSDS:** N

**Net Explosive Weight:** N/R

**Radioactivity:** N/R

**Magnetism:** N/P

**Limited Quantity Indicator:** 5 LITERS-1.3286 GALLON

**Department of Transportation Information**

**DOT Proper Shipping Name:** HYDROCHLORIC ACID SOLUTION

**Hazard Class:** 8

**UN ID Number:** UN 1789

**DOT Packaging Group:** III

**IMO:** Dangerous Goods in Limited Quantity

Helpful Numbers: ICAO-514-954-8219 IMO-202-267-1577