

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

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

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 29th 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

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

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:

Section 3 - Hazards Identification Including Emergency Overview

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

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

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.

Section 5 - Fire Fighting Measures

Snappy Teak-Nu # 2

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

Section 6 - Accidental Release Measures

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.

Section 7 - Handling and Storage

Snappy Teak-Nu Formula #2

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.

Section 8 - Exposure Controls & Personal Protection

Snappy Teak-Nu Formula # 2

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

Section 9 - Physical & Chemical Properties

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.

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

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

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

Toxicological Information: N/P

Section 12 - Ecological Information

Ecological Information: N/P

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

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

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

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