

MATERIAL SAFETY DATA SHEET

UC-Hs KPG

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Neutra-Owik Concentrate Light-Duty Bowl Cleaner

SECTION 1

Date Prepared: March 22, 1990

Manufacturers Name: Sani-Fresh International  
A Unit of the Commercial Division  
Scott Worldwide, Scott Paper Company  
4702 Goldfield  
San Antonio, Texas 78218  
(512) 661-5374

Address:  
City, State, and Zip:  
Emergency Telephone No.:

Signature of Person Responsible  
For Preparation (Optional): Edward J. Rosenthal, Ph.D.

SECTION 2

HAZARDOUS INGREDIENTS/IDENTITY

<u>Hazardous Component(s)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Units</u>	<u>%</u>	<u>CAS No.</u>
Quaternary ammonium chlorides*	NE	NE	N/A	< 5	139-08-2 &
	NE	NE	N/A	< 5	27479-28-3
Trideceth-9	NE	NE	N/A	1-10	24938-91-8
Cocamphodiacetate	NE	NE	N/A	< 5	68650-39-5
Fragrance	UN	UN	UN	< 5	Unavailable**
Non-Hazardous Ingredients***	N/A	N/A	N/A	Bal.	N/A
*May contain small amounts of Ethyl Alcohol	1000	1000	ppm	N/A	64-17-5

\*\*Supplier withholding specific chemical identification as a trade secret pursuant 29 CFR-1910.1200 (i)

\*\*\*Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR-1910.1200).

SECTION 3

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point 212°F

Specific Gravity (H2O=1) 1.00 to 1.01

Vapor Pressure (mm Hg) < 18

Vapor Density (Air = 1) < 1

Solubility in Water Complete

Reactivity in Water None

Appearance and Odor Red liquid with apple scent

Melting Point NE

pH 6.0 to 7.0

Evaporation Rate (BuAc=1) < 1

Percent Volatile By Volume (%) (Minus Water) < 10

**SECTION 4**  
**FIRE AND EXPLOSION DATA**

Flash Point	None
Method Used	N/A
Flammable Limits in Air % By Volume	
LEL Lower	N/A
UEL Upper	N/A
Auto-Ignition Temperature	N/A
Extinguisher Media	Use media suitable for surrounding materials
Special Fire Fighting Procedures	No special procedures required
Unusual Fire and Explosion Hazards	Contact with metals may yield explosive hydrogen gas

**SECTION 5**  
**PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability:	Normally stable
Conditions to Avoid:	
Incapability -	
Materials to Avoid:	Strong oxidizers, chlorine bleaches
Hazardous -	
Decomposition Products:	Carbon monoxide, carbon dioxide, ammonia, nitrous oxide, hydrogen chloride, chlorine.
Hazardous Polymerization:	Does not occur

**SECTION 6**  
**HEALTH HAZARDS**

**Symptoms/Effects of Overexposure:**

INHALATION:	Inhalation of mist may cause respiratory irritation
SKIN:	May cause severe irritation
EYES:	May cause severe eye irritation
INGESTION:	May be harmful if swallowed

**Medical Conditions Generally**

Aggravated by Exposure:      None known

**Emergency First Aid:**

INHALATION:	Move victim to fresh air. Get medical help if irritation persists.
SKIN:	Immediately remove contaminated clothing; wash skin with large amounts of water for at least 15 minutes. Get prompt medical attention.
EYES:	Immediately flush eyes with large amount of water for at least 15 minutes while holding the eye lids open. GET PROMPT MEDICAL ATTENTION.
INGESTION:	Do not induce vomiting. Get medical attention. IMMEDIATELY.

Routes of Entry:

Inhalation: Highly unusual  
 Eyes: May occur  
 Skin: May occur  
 Ingestion: May occur but highly unlikely

Chemical Listed as Carcinogen or Potential Carcinogen:

National Toxicology Program: No  
 I.A.R.C.: No  
 OSHA: No

SECTION 7SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in handling and storage:  
 Recommend storage between 40°F (5°C) and 100°F (37°C).

Steps to be taken in case material is released or spilled: Clean up with absorbent material.

Waste Disposal Method: Dispose of in accordance with Local, State and Federal regulations.

SECTION 8SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection: Not normally required. If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH-approved dust/mist respirator.

Ventilation: Not normally required: If needed, provide adequate general dilution ventilation.

Protective Gloves: Latex or neoprene

Eye Protection: If potential for eye contact exists, wear chemical splash goggles.

Other Protective-Clothing or Equipment: None generally needed during routine use.

Work/Hygienic Practices: Clean-up all spills immediately. Practice good personal hygiene

Hazardous Materials Identification System Rating (HMIS)

Health - 3  
 Fire - 0  
 Reactivity - 0  
 Personal Protection - B Safety glasses & gloves

## NOTE:

The selection of personal protective equipment should be made by the material user based on the particular plant conditions where the material is to be used together with information contained in the product MSDS.

NE means Not Established

N/A means Not Applicable

UN means Unavailable