


Safety Data Sheet

Section 1 - Product Information			
Product Name: nu-soft		Distributed by: Intercon Chemical Company	
Product Code Number: 0281	Information Phone: 1-314-771-6600	Address:	1100 Central Industrial Drive
Product use: Laundry Softener/Sour	Emergency Contact: CHEMTREC 1-800-424-9300		St. Louis, MO 63110
Section 2 - Hazard Identification			
GHS Classification: Skin Corrosion/Irritation, Category 1B; Serious Eye Damage/Eye Irritation, Category 1; Corrosive To Metals, Category 1; Hazardous To The Aquatic Environment - Acute Hazard, Category 2; Acute Toxicity - Oral, Category 4			
Section 2.1 - Label Elements			
Hazard Pictograms: 	Precautionary Statements:		
Signal Word: Danger	P234: Keep only in original container. P260: Do not breathe dust/fume/gas/mist/vapors/spray. P264+P265: Wash hands thoroughly after handling. Do not touch eyes. P270: Do not eat, drink, or smoke when using this product. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. P303+P361+P353: IF ON SKIN(or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P321: Specific treatment see section 4 of this SDS. P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. P390: Absorb spillage to prevent material damage. P405: Store locked up. P501: Dispose of contents/container in accordance with local/regional/national/international regulations(to be specified).		
Hazard Statements: H290: May be corrosive to metals H302: Harmful if swallowed H314: Causes severe skin burns and eye damage H401: Toxic to aquatic life			
Section 3 - Composition			
Chemical Name	CAS #	Percent w/w	
_Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	68410-69-5	7	
Hydrofluorosilicic acid	16961-83-4	3 - 4	
Section 4 - First Aid Measures			
IF ON SKIN(or hair): Take off Immediately all contaminated clothing. Immediately rinse skin or shower. Wash contaminated clothing before reuse.			
IF IN EYES: Immediately rinse with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately get medical help.			
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call POISON CENTER or doctor/physician.			
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately.			
Section 5 - Fire and Explosion Hazard Data			
Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures:
none	LEL: NA UEL: NA	Alcohol foam, dry chemical, or carbon dioxide if product involved. Do not use water.	Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not sustain combustion.
Section 6 - Accidental Release Measures			
Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Stop leak if safe to do so. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Remove all sources of ignition. Do not flush to sewer or allow to enter waterways. Scoop up material and place in a disposal container. Absorb spillage to prevent material damage. See section 13 for advice on waste disposal.			
Section 7 - Handling and Storage			
Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Handle and open container with care. Do not eat, drink or smoke when using this product. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Store locked up. Store in corrosive resistant container with a resistant inner liner. Store in a well ventilated area.			

Section 8 - Exposure Controls/PPE										
Ingredient	OSHA PEL:	ACGIH TLV	PPE			General Hygiene Considerations:				
_Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	NA	NA	Respiratory:	not normally required			Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.			
			Eye:	safety glasses, face shield						
			Skin:	Apron, acid proof gloves						
Hydrofluorosilicic Acid	2.5 mg/m3	2.5mg/m3	Ventilation	Normal Room Ventilation						
Section 9 - Physical and Chemical Properties										
Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure	
Pink Liquid	Mild	NE	1.3	NE	212°F	>1 (water =1)	NA	NA	17mm Hg	
Vapor Density	Density (lbs/gal)	Specific Gravity	pH (use dil)	Solubility	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp		
0.62(air =1)	8.6	1.032	2.4	100% in water	NE	NA	~100 cps	NE		
Section 10 - Stability and Reactivity										
Product is stable, hazardous polymerization will not occur. Incompatible with strong oxidizing agents and alkaline material. Hazardous decomposition products: If burned normal combustion products such as Carbon Dioxide, Carbon Monoxide and Nitrous Oxide may be produced.										
Section 11- Toxicological Information										
Ingredient	Acute Toxicity (Oral LD50)	Acute Toxicity (Derm. LD50)	Skin and Eye	Carcinogen	Mutagen	Reproductive Toxicity	STOST-Single Exposure	STOST-Repeated Exposure		
_Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	>2,000 mg/kg (Rat)	> 5,000 mg/kg (Rat)	Irritant	NA	NA	No	NA	NA		
Hydrofluorosilicic Acid	430 mg/kg (Rat)	Highly Corrosive	Highly Corrosive	NE	NE	NE	NE	NE		
Section 12 - Ecological Information					Section 13 - Disposal Considerations					
<u>Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate:</u> Algae EC50 Algae 1.33 mg/l, 72 hr Crustacea EC50 Daphnia 0.3 mg/l, 48 hr Fish LC50 Fish 0.62 mg/l, 96 hr Expected to be biodegradable. <u>Hydrofluorosilicic Acid:</u> No ecological effects expected. Mixture may exhibit acute ecological effects.					Products covered by this SDS, in their original form, are considered corrosive waste (D002) according to RCRA (40 CFR 261). Dispose of in accordance with applicable Federal, State and Local regulations.					
Section 14 - Transport Information										
UN number	Basic Description (DOT)				Class	Packing Group	LTD QTY			
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains hydrofluorosilicic acid)				8	II	< 1 L			
UN number	Basic Description (IATA)				Class	Packing Group	LTD QTY			
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains hydrofluorosilicic acid)				8	II	< 0.1 L			
UN number	Basic Description (IMDG)				Class	Packing Group	LTD QTY			
UN3264	Corrosive liquid, acidic, inorganic, n.o.s.(contains hydrofluorosilicic acid)				8	II	< 1 L			
Section 15 - Regulatory Information										
SARA Title 3: Hydrofluoric Acid. Glycol Ethers. Contains reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.										
CERCLA: This product contains N,N-Dimethylformamide (RQ = 100lbs), Ehtylene Oxide (RQ = 10lbs), 1,4-Dioxane (RQ = 100lbs), Ethanol (RQ = 100lbs), Hydrofluoric Acid (RQ = 100lbs), and Glycol Ethers. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.										



WARNING: This product can expose you to chemicals including 1,4-Dioxane (CAS# 123-91-1), Acetaldehyde (CAS# 75-07-0), Methanol (CAS# 67-56-1), and beta-Myrcene (CAS# 123-35-3), which are known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, go to www.p65warnings.ca.gov

Section 16 - Other Information

		HMIS: Health - 3	Flam. - 0	Reactivity - 1	PPE- D
Date Prepared: 1 Mar 2024		Prepared by: Director of Technical Services, Research and Development			
The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.					
Legend for Abbreviations: NA - not applicable NE - Not Established					