

SECTION 1 PRODUCT IDENTIFICATION

Product Name: SEE-50-T
 Product Number: N/A
 Chemical Name/Synonyms: N/A
 Chemical Family: Alkaline Detergent
 NFPA Acute Hazard Rating: Health 2 Flammability 0 Reactivity 0

SECTION 2 CHEMICAL COMPOSITION

All Cercla Hazardous substances are listed at 1% or greater and carcinogens at 0.1% and up.

Ingredient (Chemical Name)	CAS#	%Range	PEL	LD50mg/kg	Other
Sodium Hydroxide	1310-73-2	2-10	N/A		2mg/m3
Alkylphenol Ethoxylate	9016459	1-8	N/A		N/A
Trisodium Nitratetriacetate, Monohydrate	18662-53-8	1-10	N/A		N/A
Ethylene Diamene Tetraacetate					
Tetrasodium	64-01-8	1-10	N/A	1200	N/A

Balance Non-Hazardous Ingredients: <62%

**Toxic Chemicals* subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Immediately flush eyes with large amounts of water, holding eyelids open, for 15 minutes. Get medical attention.
 Skin Contact: Immediately wash with water for at least 15 minutes. If irritation persists get medical attention.
 Inhalation: Move victim to source of fresh air. If symptoms persist get medical attention immediately.
 Ingestion: Seek immediate medical attention.

SPECIAL INSTRUCTIONS FOR PHYSICIAN: CONTAINS SODIUM HYDROXIDE

SECTION 4 PHYSIOLOGICAL EFFECTS

Primary Routes of Entry Into The Body: Skin Absorption x Inhalation _____ Ingestion _____

Acute Effects:

EYES: Blurred vision, redness, watering, severe burning, blistering, possible severe damage and even blindness.
 SKIN: Prolonged contact may cause redness or burns.
 INHALATION: May cause irritation and coughing.
 INGESTION: Burning sensation, nausea.
 CHRONIC EFFECTS: (Include Carcinogenic Potential) None known.

SECTION 5 OCCUPATIONAL PROCEDURES

Ventilation: _____ Local Exhaust x General Exhaust _____ None Required _____

It is always a good practice when using any Chemical/Cleaning compounds to always work in a well ventilated area.
 Personal Protective Equipment: Respirator type: None needed with adequate ventilation.

Gloves: x Natural Rubber _____ Plastic _____ Nitrile _____ Neoprene x Butyl _____ Other _____

Eye Protection: _____ Glasses with side shields
 _____ Full Face shield
x Chemical Splash Goggles
x Other (Chemically resistant safety shoes.)

SECTION 6 PHYSICAL DATA

APPEARANCE/ODOR: Clear dark brown liquid, technical odor

Physical State: _____ Solid x Liquid _____ Gas _____

Boiling Point:	212 F	Freeze Point:	30F	Specific Gravity: (H2O=1):	1.10
pH (full strength):	13.0	Ph(1% solution):	12.0	Solubility in Water:	Complete
Vapor Pressure:	N/A	Vapor Density (AIR=1):	N/A	Percent Volatiles:	N/A
Evaporation rate(water=1):	<1				

SECTION 7

FIRE AND EXPLOSION HAZARD DATA

Flash Point: NONE Method Used: COC
 Flammable (Explosive) Limits in Air: N/A
 Auto Ignition Temperature: N/A
 Suitable Extinguishing Media: As required by surrounding fire.
 Hazardous Combustion Bi-Products: N/A
 Recommended Fire Fighting Procedures: Wear full protective clothing.
 Unusual Fire and Explosion Hazards: N/A

SECTION 8

REACTIVITY DATA

Thermal Stability: x Stable Unstable
 Conditions to avoid: Avoid Extreme Temperatures.
 Hazardous Decompositions Products: None
 Hazardous Polymerization: May Occur x Will Not Occur
 Incompatibility:
 Materials to avoid: Strong alkalis or acids.
 Corrosive Action on Materials: None under normal use, however, caution should be used on aluminum and other soft metals.
 DO NOT USE ON POLISHED OR ANODIZED ALUMINUM SURFACES.

SECTION 9

STORAGE AND HANDLING PRECAUTIONS

Warning: KEEP OUT OF THE REACH OF CHILDREN. Based upon ingestion of NTA in lifetime studies, NTA has been shown to induce tumors in the urinary tracts of rats and mice. However, on a practical basis and according to guidelines for classification of experimental animal carcinogens of the American Conference of Government Industrial Hygienists (ACGIH), NTA would not be considered an occupational carcinogen of any practical significance. Avoid contact of undiluted product with eyes, skin, or clothing. ALWAYS empty and clean containers of all residues before adding product, to avoid possible explosive reaction between product and unknown residue.

Storage: Store in a cool, dry place.
 Handling: It is always a good practice to wear rubber gloves, rubber boots, rubber apron and splash goggles when using any cleaning compound.

Precautionary Labeling: CORROSIVE

SECTION 10

ENVIRONMENTAL PROCEDURES

Spill or Leak Procedures:
 Small Spill/Leak: Neutralize and rinse to drain.
 Large Spill/Leak: Mop up or absorb as much as possible then rinse to drain. All clean-up material should be removed and placed in approved containers.

Spill Reportable Quantity: None
 Waste Disposal Method (Including Clean-Up Media): Package, store, transport, and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health environmental regulations.
 EPA or appropriate waste classification:

 RCRA or appropriate characteristic waste. If so, Hazardous Waste Number.
 NONE

 RCRA or appropriate listed waste. If so, EPA Hazardous Waste Number.
 NONE

 x Non-RCRA Regulated Waste.

Procedure for handling empty containers: Rinse thoroughly, and return to supplier.

Environmental Toxicity Data: Biodegradable.

OTHER REGULATORY CONTROLS:

Is material classified under the Clean Water Act (USA) or Appropriate Water Regulations as a :

Toxic Pollutant (Section 307)? yes x no

Hazardous Substance(Section 311)? yes x no

If Yes, Reportable Quantity (R.Q.) Lbs. (kgs.)

SECTION 11

D.O.T. PROPER SHIPPING NAME

UN-1760, COMPOUND CLEANING LIQUID, SODIUM HYDROXIDE, 8, PG II
 SEE-50-J

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