

MATERIAL SAFETY DATA SHEET

Date Prepared: 09-01-01 By Charles D. Werner

SECTION 1 - PRODUCT IDENTIFICATION			
Manufacturer Name: Fortech Products by Formula Corporation		Emergency Phone No: 1-800-228-5635 ext. 059	
Address: 7901 2nd Ave S., Seattle, WA 98108			
Trade Name: C-TRAN		Product Type: Cleaner Degreaser CONCENTRATE	
Product Code: FFLVCTBRX		Formula:	
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
Trisodium Nitriltriacetate LD ₅₀ (oral-rat) 1470 mg/kg, LD ₅₀ (skin-rab) > 10,000 mg/kg	50631-3	5 - 10	NA
Sodium Hydroxide	1310-73-2	< 2	2 (OSHA)
Sodium Xylene Sulfonate LD ₅₀ (oral-rat) 4220 mg/kg	1300-72-7	< 5	NE
Sodium Silicate	1344-09-8	< 5	not established
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present			
SECTION 3 - PHYSICAL DATA			
Boiling Point: (F) 212		Specific Gravity: (H ₂ O = 1.0) 1.0	pH: 12.0 - 12.5
Vapor Pressure: (mm/Hg) Not Determined		Vapor Density: Heavier than air	
Solubility In Water: Complete			
Evaporation Rate (Vs ether) Slower			
Appearance and Odor: Liquid, non-viscous, red color and non-descript fragrance			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): NONE			
Extinguishing Media: nonflammable and non-explosive. No special procedures required.			
Special Fire Fighting Procedures: none required.			
Unusual Fire and Explosion Hazards: NOTHING SPECIAL.			
SECTION 5 - REACTIVE DATA			
Stability: Stable		Incompatibility: KEEP AWAY FROM ACIDS.	
Hazardous Decomposition Products: none			
SECTION 6 - HEALTH HAZARDS			
Threshold Limit Value - Product (See Section 2 for Ingredient TLV)		None Established	
Primary Routes of Exposure:	Eye - yes	Skin - no	Oral-yes Inhalation-no Other
Signs and Symptoms of Over-exposure (Acute): EYES: Vapors and mists may irritate the eye. INHALATION: undiluted vapors and mists are harmful to the nose, and throat. SKIN: Prolonged contact with concentrate may burn the skin. Brief contact may irritate the skin, but this irritation is reversible.			
Chronic Health Hazards: NTA.Na3 produced tumors in lab animals at dose levels that exceed the maximum tolerated dose.			
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, impaired respiratory function may more susceptible to effects.			
Carcinogen or Suspect Carcinogen Ingredients: NTP - YES IARC - YES OSHA - NO NONE			
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.			
Skin: Wash skin with soap and water. Remove contaminated clothing & shoes. Wash before reuse.			
Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Drink 1 to 8 glasses of water or milk to dilute. Call physician or poison control center immediately, treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.			
Inhalation: Get to fresh air.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection: not normally required		Ventilation Requirements: Adequate ventilation required to keep exposure under TLV.	
Protective Gloves: Required		Eye Protection: Not normally required. Required if used overhead or misting or spraying.	
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled: For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Rinse with water into sanitary sewer system. KEEP PRODUCT OUT OF SURFACE WATERS AND SOIL.			
Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in Handling and Storage: Nothing special is required. Do not mix chemicals. This product is non-hazardous for storage and transport according to DOT regulations. Keep container tightly closed when not in use.			