

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Key-20 (EXT709)
Product Class: Low pH Car Wash Presoak
Emergency Telephone Number: 800-535-5053 (INFOTRAC)
Telephone Number for Information: 763-509-7937
Manufacturer's Name and Address:
Ver-techLabs
6801 Bleck Drive
Rockford, MN 55373

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):
Chemical: Ethylenediaminetetraacetic acid, tetrasodium salt in water
Common Name(s): EDTA

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Amber liquid, mild aroma.
Primary Hazards: Corrosive Toxic
Potential Health Hazards
Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X
Eye: May cause moderate irritation.
Skin: Prolonged or repeated contact may cause irritation.
Ingestion: Low order of acute toxicity.
Inhalation: Exposure to an excessive concentration of vapor, mist, or aerosol may cause respiratory tract discomfort.
Signs and Symptoms of Exposure:
Carcinogenicity: NTP? No IARC Monographs? No
OSHA Regulated? Yes
Target Organ (s): N. Ap.
Medical Conditions Generally Aggravated by Exposure: N. Ap.
Health Hazards, Chronic:

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures: Treat for Fluoride Poisoning.
If Swallowed: Call physician immediately. ONLY induce vomiting at the instructions of a physician. If victim is conscious, rinse mouth and give water to drink. Never give anything by mouth to an unconscious person. **Eye Contact:** Remove contacts if necessary, hold eye lids open and flush eyes with large quantities of running water for a minimum of 15 minutes. Do not rub eyes. **Skin Contact:** Remove contaminated clothing, shoes, and equipment. Flush skin with plenty of water for at least 15 minutes. Seek medical attention if irritation symptoms occur. **Sources Used:** Raw material data, general toxicology from the trade for similar products,

SECTION V - FIRE FIGHTING MEASURES

Flammability: Not Flammable
Autoignition Temperature: N. Av.
Flash Point (method used): N. Av.
Flammable Limits: N. Av. LEL UEL
Extinguishing Media
Water? Foam? Water Fog?
Alcohol Foam? X CO₂? Dry Chemical?
Vaporizing Liquid? X Other?
Special Fire Fighting Procedures:
Unusual Fire and Explosion Hazards: N. Av.
TDG Flammability Classification: N. Av
Sensitivity to Mechanical Impact: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be taken in Case Material is Released or Spilled:
Safely stop source of spill. Dike area to prevent spill from spreading. Restrict non-essential personnel from area. All personnel involved in spill cleanup should avoid skin and eye contact by wearing appropriate personal protective equipment. Soak up liquid with a suitable absorbent such as clay, sawdust, or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal according to local, state, or federal regulations.

SECTION VII - HANDLING AND STORAGE

Precautions to be taken in Handling and Storing:
Normal care in handling and storage. Avoid contact with aluminum, copper, copper alloys, nickel, and zinc.
Other Precautions: Keep out of reach of children. Do not breathe spray mist.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not normally required.
Ventilation: Local Exhaust: Not required **Special:** Not required
Mechanical (General): Provide ventilation adequate to disperse cleaner vapors and or mists. **Other:** Not required
Protective Gloves: Synthetic.
Eye Protection: Approved safety goggles or glasses. **Footwear:** Chemical resistant
Other Protective Clothing or Equipment: Chemical resistant
Work/Hygienic Practices: Do not contaminate consumables with chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approximately 224°F **pH:** 11.5 - 13.5

Specific Gravity (H₂O) = 1: 1.1-1.2
Vapor Density (Air = 1): N. Av.
Evaporation Rate (Butyl Acetate = 1): N. Av.
Solubility in Water: Complete
Vapor Pressure (MM HG): N. Av.
Odor Threshold: N. Av.
Oil/Water Distribution Coefficient: N. Av.
Melting Point: N. Ap.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: Aqueous solution in contact with aluminum evolves hydrogen.
Incompatibility (materials to avoid): Incompatible with strong oxidizers. Avoid contact with aluminum, zinc, and other metals.
Hazardous Decomposition or By-products: Under fire conditions the product may support combustion and decomposes to give off carbon oxides fumes, nitrogen oxides, and water vapor.
Hazardous Polymerization: May occur: Will not occur: X

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical OSHA PEL ACGIH TLV Recom. LD50 LC50
N. Av. N. Av. N. Av. N. Av. >2,000mg/kg 157mg/L
Teratogen, Mutagen, Reproductive Toxin Status: No
Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.
Chemical Fate Information: Not expected to go to undergo hydrolysis or enter the atmosphere significantly due to its high water solubility.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Dispose of spilled material in accordance with local, state, and federal regulations.
RCRA Hazard Class: N. Av.

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Cleaning Compound Liquid, NOIBN
UN Number: N. Ap.
Packing Group: N. Ap.

SECTION XV - PREPARATION DATA

Prepared By: Health and Safety Department
Telephone Number: 763-509-7937
Date: 9-10-2012

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quality: N. Av.
SARA Title III
Section 302 Extremely Hazardous Chemicals: N. Ap.
Section 311/312 Hazard Category: N. Ap.
Section 313 Toxic Chemicals: N. Ap.
Notice State of California Proposition 65
Warning: This product may contain chemicals or trace impurities in the standard raw materials used in the manufacture of this product that are known to the State of California to cause cancer or reproductive defects.

SECTION XVII - OTHER INFORMATION

N. Ap. - Not Applicable; N. Av. - Not Available

HMIS SYSTEM

2 A. Health Hazard 1 A. Fire Hazard 1 A. Reactivity Hazard

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