MATERIAL SAFETY DATA SHEET

HMIS

1 HEALTH
4 FLAMMABILITY
0 REACTIVITY

KE-150 STAINLESS STEEL CLEANER

Marketer's Name Must Appear Below	DOT Shipping - Consumer Commodity ORM-D
Manufacturer's Name: KINZUA ENVIRONMENTAL INC	Emergency Telephone Number: 800-424-9300
Address: 1176 EAST 38th STREET	Telephone Number for Information: 216-881-4040
CLEVELAND OH 44114	Date Prepared: 11/11/95
	Checked ✓

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	STEL	% (optional)
Odorless Mineral Spirits (8052-41-3)	100	100	–	10-20
Propane/Isobutane/n-Butane (74-98-6)	1000	1000	Asphyxiant	10-20
Water (7732-18-5)	–	–	–	70-80

* All chemical compounds marked with an Asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

Section III - Physical/Chemical Characteristics

Boiling Point Range	-40°F to 212°F	Specific Gravity (H_2O=1)	0.9
Vapor Pressure PSIG at 70°F	80	Melting Point PH Liquid	NA
Vapor Density (AIR=1) Heavier than Air ✓	4.0	Evaporation Rate (Butyl Acetate=1)	<1
Solubility in Water: Soluble		Appearance and Odor: Clear/Lemon	

Section IV - Fire and Explosion Hazard Data NFPA 30B Rating: 1

Flash Point (Method Used): -142°F T C C	Flammable Limits	LEL 1.8	UEL 9.5

Extinguishing Media
Use water fog, dry chemical or carbon dioxide

Special Fire Fighting Procedures
Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

Unusual Fire and Explosion Hazards
Heated cans may burst

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	High Temperatures

Incompatibility (Materials to Avoid)
Incompatible with strong oxidizers.

Hazardous Decomposition or Byproducts
In fire, will decompose to carbon dioxide, water.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Yes | Skin? Yes | Ingestion? Yes

Health Hazards (Acute and Chronic)
May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.

Carcinogenicity: NTP? Presently not on any list. | IARC Monographs? | OSHA Regulated?

Signs and Symptoms of Exposure:
Inhalation - Difficulty in breathing. Skin - redness. Ingestion - vomiting.

Medical Conditions
Generally Aggravated by Exposure: Heart Disease; Respiratory Disorders.

Emergency and First Aid Procedures
Give oxygen - Do not induce vomiting - Wash eyes and skin with water for 15 minutes. Get medical help.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material Is Released or Spilled:
Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method
Dispose as hazardous waste in accordance with EPA RCRA

Precautions to be taken in Handling and Storing
Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.

Other Precautions - When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

Section VIII - Control Measures

Respiratory Protection (Specify Type)
Use NIOSH approved respirator if TLV limit is exceeded.

Ventilation	Local Exhaust: Yes	Special: None
	Mechanical (General): None	Other: None

Protective Gloves: None required if spraying

Eye Protection: Wear eye protection

Other Protective Clothing or Equipment
Long sleeve and long pants

Work/Hygienic Practices: Do not smoke while using. Wash hands after use.

Section IX - Additional Information