

MATERIAL SAFETY DATA SHEET

HMIS

1 HEALTH
4 FLAMMABILITY
0 REACTIVITY

KE-150 STAINLESS STEEL CLEANER

Manufacturer's Name Must Appear Below

DOT Shipping - Consumer Commodity ORM-D

Manufacturer's Name <div style="text-align: center;">KINZUA ENVIRONMENTAL INC</div>	Emergency Telephone Number <div style="text-align: center;">800-424-9300</div>
Address <div style="text-align: center;">1176 EAST 38th STREET</div>	Telephone Number for Information <div style="text-align: center;">216-881-4040</div>
<div style="text-align: center;">CLEVELAND OH 44114</div>	Date Prepared 11/11/95 <div style="text-align: right;">Checked <input checked="" type="checkbox"/></div>

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 ₂ O=1)	0.9
Vapor Pressure PSIG at 70°F	80	Melting Point	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 TCC	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	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	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.

Cardinogenicity: Presently not on any list. NTP? 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			Eye Protection	
None required if spraying			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