

MATERIAL SAFETY DATA

The Euclid Chemical Company • Cleveland, Ohio 44110

CHEMTREC CHEMICAL TRANSPORTATION EMERGENCY TELEPHONE NO: 800-424-9300; DISTRICT OF COLUMBIA: 202-483-7616	EMERGENCY TELEPHONE NO. (216) 531-9222
TRADE NAME Euco Kurez E-100 and Kurez DR	CHEMICAL NAME Hydrocarbon resin in mineral spirits

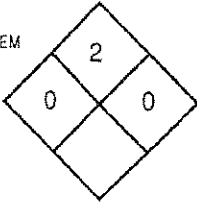
1. INGREDIENTS

MATERIAL	CAS#	%	ACGIH (TLV)	PEL
Mineral Spirits	8052-41-3	74-78	100 ppm	500
Resin LX-973	64742-16-1	23-26		
Fatty Acid	65997-03-7, 69937-70-2	0-3		

2. PHYSICAL DATA

APPEARANCE Light Amber	ODOR Solvent	MELT POINT N.A.	SPECIFIC GRAVITY .836 - .848
VAPOR DENSITY (AIR =1) 4.9	% VOLATILE BY WEIGHT 74-86	BULK DENSITY N.A.	BOILING POINT 300°F
VAPOR PRESSURE 2.0	% SOLUBILITY (H ₂ O) None		

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD 102° F. TCC	NFPA FIRE HAZARDS IDENTIFICATION SYSTEM 
FLAMMABLE LIMITS LEL 1.0 UEL 6.0	
EXTINGUISHING MEDIA NFPA Class B extinguishers (CO ₂ , dry, form)	
SPECIAL FIRE FIGHTING PROCEDURES Use fog nozzles to cool closed containers.	
UNUSUAL FIRE AND EXPLOSION HAZARDS Keep containers tightly closed. Isolate from heat, elec. equip., sparks and open flames. Closed containers may explode when exposed to extreme heat.	

4. PHYSIOLOGICAL EFFECTS

LD50 ORAL (INGESTION) (RAT) = 5.2 G/KG	LD50 DERMAL (SKIN CONTACT) rabbit = 3.95 G/KG	LC50 (INHALATION) (RAT) = 6,350 ppm/4hr
PRIMARY ROUTE OF EXPOSURE Inhalation and splashing		THRESHOLD LIMIT VALUE (TLV) 100 ppm

EFFECTS OF OVEREXPOSURE

Inhalation: Vapors may cause irritation and, if aspirated may cause chemical pneumonitis.
 Eye: Vapor may cause irritation. Contact may cause irritation.
 Skin: Contact may cause exythema, dryness, dermatitis.
 Ingestion: May cause burning sensation in mouth, stomach, salivation, nausea, vomiting. If aspirated it can cause chemical pneumonia.



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NA - NOT APPLICABLE
 NE - NOT ESTABLISHED

5. EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air. Monitor for respiratory distress. Give oxygen if necessary. If cough or difficulty in breathing occurs, immediately seek medical attention.

Eye: Irrigate eye for 15 minutes. If pain, irritation or burning persists, seek medical attention.

Skin: Wash area twice with soap and water. If pain irritation or burning persists, seek medical attention.

Ingestion: Administer milk or water. DO NOT induce vomiting. Call a Physician or Poison Control Center immediately. DO NOT give anything orally to an unconscious person. Applies to products that will require vomiting to be induced, but at the same time, medical attention or consultation should be sought immediately.

6. PHYSICAL HAZARDS

Never use cutting or welding torches near full or empty containers.

7. SPECIAL PROTECTION INFORMATION

VENTILATION	Adequate fresh air. Use explosion proof ventilation as required. Other special precautions such as respiratory masks may be required in extreme cases.	
RESPIRATORY	Possible NIOSH approved respirator according to 29 CFR 1910-134	
EYE PROTECTION	Yes	
PROTECTIVE GLOVES	Yes, rubberized	OTHER Protective clothing to prevent skin contact.
All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.		

8. CHEMICAL REACTIVITY

CONDITIONS CAUSING INSTABILITY	Temperatures over 120°F.
INCOMPATIBILITY (MATERIALS TO AVOID)	Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide and other organics.
SPECIAL SENSITIVITY	N.E.

9. STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store full containers tightly sealed.

10. SPILL, LEAK, AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED

Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Vapors are heavier than air and may accumulate in low spots.

WASTE DISPOSAL METHOD

Dispose of in accordance with all Federal, State and local laws and regulations.

PREPARED BY	David M. Hudak	DATE	1/14/92
TELEPHONE NO.	(216) 531-9222	SUPERSEDES MSDS DATED	5/1/91

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Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.