ESCA Tech, Inc. Safety Data Sheet

D-Lead® Test Kit Solution 2

KT- Revision Date**: 14-Mar-2016**

1. IDENTIFICATION

Product Name	D-Lead® Test Kit Solution 2
Other means of identification	Product Code: KT-001 #1002; KT-002 #1002; KT-020 #1002; KT-021 #1002; KT-024 #1002; KT-401 #1002; KT-1000 #1002
Recommended Use	Detecting presence of lead

Company	Emergency Telephone Number	
ESCA Tech, Inc. 3747 North Booth Street Milwaukee, WI 53212	Company Phone Number:	Phone: (414) 962-5323 Fax: (414) 962-7003
e-mail: cservice@esca-tech.com	Emergency Telephone (24 hr):	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

2. HAZARD IDENTIFICATION

GHS Classification

GHS Label element

Hazard Statements:	This chemical does not meet the hazardous criteria set forth by OSHA Hazard Communication Standard (29 CFR 1910.1200).
Precautionary Statements:	Avoid contact with eyes. For external use only.
Other Hazards:	None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Inorganic salt	Proprietary-	< 3

Note: If Chemical Name/CAS Number is “proprietary” and/or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures:.

In case of eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
In case of skin contact:	Wash with plenty of water. If skin irritation occurs: Get medical advice.
If swallowed:	Rinse mouth. Drink 1 – 2 glasses of water. If symptoms occur: Get medical advice.
If inhaled:	Remove to fresh air.
Symptoms:	May cause eye or skin irritation. Ingestion may cause nausea.
Notes to physician:	Treat symptomatically.

See toxicological information (Section 11).

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable extinguishing media:	None determined.
Specific hazards during firefighting:	Will not support combustion.
Hazardous combustion products:	Carbon oxides
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ensure clean-up is conducted by trained personnel only. Refer to protective measures, section 7 and 8.
Environmental precautions:	Avoid contact with soil, surface or groundwater.
Methods and material containment and cleaning up:	Stop and prevent further leakage or spillage if safe to do so. Contain spillage and then absorb with non-combustible, absorbent material. Place in appropriate containers for disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Advice on safe handling:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Do not take internally. Wash hands after handling.
Conditions for safe storage:	Keep out of reach of children. Keep container tightly closed in a cool, dry and well-ventilated place. Store in suitable labeled containers.
Storage temperature:	Storage between 40 – 100 ºF (4 - 38 ºC), out of direct sunlight and away from extreme heat.
Incompatible materials:	Strong acids and oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection:	Avoid contact with eyes. Safety glasses or goggles.
Skin and body protection:	No protective equipment is needed under normal use conditions.
Respiratory protection:	No protective equipment is needed under normal use conditions.
Hygiene measures:	No specific measures identified.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Color:	Colorless to pale yellow liquid
Odor:	Odorless
Odor threshold:	Not determined
pH:	5.0 – 6.0

Melting point/Freezing point:	Not determined	
Boiling point/Boiling range:	~100 ºC/ 212 ºF	
Flash point:	Not applicable.	
Evaporation rate:	Not established	
Flammability (solid, gas):	Not applicable	
Upper Flammability Limits:	Not determined	
Lower Flammability Limits:	Not determined	
Vapor pressure:	Not established	
Vapor density:	<1 (same as water)	(Air = 1)
Specific gravity:	1.0 (Water = 1)	
Water solubility:	Completely soluble	
Solubility in other solvents:	Not determined	
Partition coefficient:	Not determined	
Auto-ignition temperature:	Not determined	
Density:	8.34 lb/gal	
Decomposition temperature:	Not determined	
Viscosity:	Not determined	

10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Conditions to avoid:	See section 7 Handling and Storage. Keep out of reach of children.
Incompatible materials:	Strong acid, strong alkalis and oxidizing agents.
Hazardous decomposition products:	Thermal decomposition may produce carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Potential Health Effects

Eyes:	May cause eye irritation.
Skin:	Health injuries are not expected under normal use.
Ingestion:	Health injuries are not expected under normal use.
Inhalation:	Health injuries are not expected under normal use.

Toxicity

Acute oral toxicity:	Numeric measures of toxicity: Not determined.
Acute dermal toxicity:	Not determined.
Acute inhalation toxicity:	Not determined.
Sensitization:	Not expected.
Carcinogenicity:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxity

This product is not classified as environmentally hazardous.

Toxicity to fish:	Not determined.
Toxicity to daphnia and other aquatic invertebrates:	Not determined.
Toxicity to algae:	Not determined.
Persistence and Degradability:	Not determined.
Bioaccumulative Potential:	Not determined.
Mobility in soil:	Not determined
Other Adverse Effects:	Not determined.

13. DISPOSAL CONSIDERATION

Waste Treatment Methods

Disposal of Wastes:	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging:	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
D.O.T.:	Not regulated.
IATA.:	Not regulated.
IMDG:	Not regulated.

15. REGULATORY INFORMATION

US Federal Regulations

RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D):	Not applicable
CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants):	Not applicable
CLEAN WATER ACT (RQ, 40 CFR):	Not applicable
SARA Title III:	
Section 302 -304, 40 CFR 355:	Components present in this product at a level which could require reporting are: none.
Section 311 - 312:	Components present in this product at a level which could require reporting are: none.
Section 313:	Not applicable
TSCA Section 8(b) Inventory Status:	All ingredients are listed on TSCA Inventory of Chemical Substances or exempt from TSCA Inventory requirements.
Canada DSL:	All ingredients are listed on the Canada Domestic Substances List.
AICS Inventory Status:	All ingredients are listed on the Australia Inventory of Chemical Substances.

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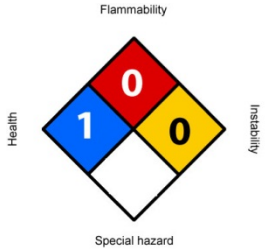
This product does not contain any Proposition 65 chemicals.

Legend

AICS *– Australian Inventory of Chemical Substances*
ACGIH *- American Conference of Governmental Industrial Hygienists*
D.O.T. *– Department of Transportation (US)*
DSL/NDSL *–Canadian Domestic Substances List/Non-Domestic Substances List*
EU – *European Union*
IARC *– International Agency for Research on Cancer*
IATA *- International Air Transport Association*
*I**MDG**- International Maritime Dangerous Goods*
NIOSH - *National Institute for Occupational Safety and Health*
NTP *– National Toxicology Program (US)*
OSHA *- Occupational Safety and Health Administration (US)*
REACH *- Registration, Evaluation, Authorisation and Restriction of Chemicals (EU)*
RCRA *- Resource Conservation and Recovery Act*
SARA *- Superfund Amendments and Reauthorization Act* (US)
TSCA – *United States Toxic Substances Control Act Section 8(b) Inventory*

16. OTHER INFORMATION

NFPA:



HMIS III

0 = not significant
1 = slight
2 = moderate
3 = high
4 = extreme
* = chronic

Revisions:

Issue Date:	06-Oct-1997
Revision Date:	14-March-2016
Revision number:	R12
Revision note:	New format. Rev 12: updated Section 4, 15.

Disclaimer "
The information provided in this Safety Date Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and it is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or any process, unless specified in the text.