

KEY SCIENTIFIC PRODUCTS

MATERIAL SAFETY DATA SHEET

1.	a. Product Name:	NITRATE REAGENT A
	b. Product Code:	MULTIPLE - K980480 K880480
	c. Product Formulation:	Active ingredients: <i>64-19-7 acetic acid</i>
2.	Hazard Identification: Risk Phrase (EUD)	R34,35, Harmful if swallowed or absorbed through skin. May cause irritation.
	Safety Phrase (EUD)	S24/25 After contact wash with water.
3.	Transport Information:	None required.
4.	Regulatory Information:	See CHIP Regulations 1993.
5.	Physical & Chemical Properties: a. Physical Description:	Clear liquid with strong smell.
	b. Chemical Properties:	Soluble in water. Corrosive.
6.	Fire Fighting Measures:	Use water spray, CO2, foam or dry powder as the extinguisher medium.
7.	Health Hazards:	This product is for laboratory use only and should not be taken internally. It is essentially non-hazardous when used as directed.
	Toxicological Information:	Harmful if swallowed or absorbed through skin. May cause irritation.
8.	Stability & Reactivity:	Essentially stable and non-reactive
9.	First Aid: a. Eyes	Immediately wash with copious amounts of water for 15 minutes. If irritation persists, consult physician.
	b. Ingestion	Do not induce vomiting unless directed to do so by physician. Drink copious amounts of water if conscious. Never give anything by mouth to an unconscious person. Seek medical advice.
	c. Skin Contact:	Wash skin with soap and water.
	d. Inhalation:	Remove to fresh air. Seek medical attention if difficulty in breathing occurs.
10.	Accidental Release/ Disposal/ Spillage Measures:	Wear gloves to avoid irritation. Absorb spillage with absorbent material such as vermiculite or sand. Contain recovered material in a suitable receptacle in accordance with 40 CFR 261.
11.	Storage :	Keep container closed away from heat source.
12.	Exposure Control and Personal Protection:	Do not swallow.
13.	Ecological Information:	None implemented.
15.	Other Information:	Compiled with information from Sigma/Aldrich databases. This information, to the best of our knowledge is accurate. Key assumes no liability for the accuracy or completeness of this information. Determination of the suitability of any material is the responsibility of the user. Any chemical may present unknown hazards and all chemicals should be handled with caution. Hazards listed herein may not be the only ones that exist.
	Date:	Updated 08/11/2009
	MFG.	KEY SCIENTIFIC PRODUCTS, 1113 E. REYNOLDS, STAMFORD, TEXAS 79553

KEY SCIENTIFIC PRODUCTS

MATERIAL SAFETY DATA SHEET

1.	a. Product Name:	NITRATE REAGENT B
	b. Product Code:	MULTIPLE - K980481 K880481
	c. Product Formulation:	Active ingredients: <i>64-19-7 acetic acid 29.7%</i> <i>86-56-6 N-N-Dimethyl-1-Naphthylamine 0.6%</i>
2.	Hazard Identification: Risk Phrase (EUD)	R34,35, Harmful if swallowed or absorbed through skin. May cause irritation.
	Safety Phrase (EUD)	S24/25 After contact wash with water.
3.	Transport Information:	None required.
4.	Regulatory Information:	See CHIP Regulations 1993.
5.	Physical & Chemical Properties: a. Physical Description:	Clear liquid with strong smell.
	c. Chemical Properties:	Soluble in water. Corrosive.
6.	Fire Fighting Measures:	Use water spray, CO2, foam or dry powder as the extinguisher medium.
7.	Health Hazards:	This product is for laboratory use only and should not be taken internally. It is essentially non-hazardous when used as directed.
	Toxicological Information:	Harmful if swallowed or absorbed through skin. May cause irritation.
8.	Stability & Reactivity:	Essentially stable and non-reactive
9.	First Aid: a. Eyes	Immediately wash with copious amounts of water for 15 minutes. If irritation persists, consult physician.
	b. Ingestion	Do not induce vomiting unless directed to do so by physician. Drink copious amounts of water if conscious. Never give anything by mouth to an unconscious person. Seek medical advice.
	c. Skin Contact:	Wash skin with soap and water.
	d. Inhalation:	Remove to fresh air. Seek medical attention if difficulty in breathing occurs.
10.	Accidental Release/ Disposal/ Spillage Measures:	Wear gloves to avoid irritation. Absorb spillage with absorbent material such as vermiculite or sand. Contain recovered material in a suitable receptacle in accordance with 40 CFR 261.
11.	Storage :	Keep container closed away from heat source.
12.	Exposure Control and Personal Protection:	Do not swallow.
13.	Ecological Information:	None implemented.
15.	Other Information:	Compiled with information from Sigma/Aldrich databases. This information, to the best of our knowledge is accurate. Key assumes no liability for the accuracy or completeness of this information. Determination of the suitability of any material is the responsibility of the user. Any chemical may present unknown hazards and all chemicals should be handled with caution. Hazards listed herein may not be the only ones that exist.
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PRODUCT SAFETY DATA SHEET

1. a. Product Name:	NITRATE DISCS
b. Product Code:	K485
c. Product Formulation:	Each disc is impregnated with a small amount of sodium nitrate UN1500 5.1/PG3
2. Hazard Identification: Symbol: Phrases:	RISK 8-25-50 SAFETY – 7-8-15
3. Transport Information:	None required.
4. Regulatory Information:	RTECS- RA1225000
5. Physical & Chemical Properties: a. Physical Description: b. Chemical Properties:	White paper disc. Soluble in water.
6. Fire Fighting Measures:	Use water spray, CO2, foam or dry powder as the extinguisher medium.
7. Health Hazards: Toxicological Information:	This product is for laboratory use only and should not be taken internally Reactions can occur in cases where the person has extreme skin sensitivity. Symptoms in such individuals may include a burning sensation, coughing, headache, nausea, or vomiting. If large quantities of discs are burned, toxic amounts nitrous oxide can be produced.
8. Stability & Reactivity:	Essentially stable and non-reactive
9. First Aid: a. Eyes b. Ingestion c. Skin Contact: d. Inhalation:	If dissolved solution is splashed into eyes, rinse immediately with water for 10 to 15 minutes with eyelids open. Seek medical advice. Wash out mouth with water. Seek medical advice. Will create burning sensation. Wash skin with soap and water. Discoloration of skin will disappear in 24-48 hours. No vapors produced or hazard anticipated.
10. Accidental Release/ Spillage Measures:	Excessive liquid may be absorbed with sand, soda ash, or soaked into paper towels. Wash areas with soap and water to reduce staining. Wear protective gloves while cleaning. Discard with normal laboratory trash.
11. Disposal:	Empty container may be discarded as normal waste. Absorption material such as paper towels, etc., should be used if large amounts of liquid are to be discarded.
12. Exposure Control and Personal Protection:	Do not swallow. Avoid spills to prevent stains.
13. Ecological Information:	None implemented.
14. Storage & Handling:	Store at 2 to 8 C.
15. Other Information:	Compiled with information from Sigma/Aldrich databases.
Date:	06/22/07

