

MSDS - Material Safety Data Sheet**Product Name: NDB (Fast Blue B Salt) (KN) Reagent for Marijuana, Hashish, & THC (Ampoule 1)**

EVIDENT, INC.
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MSDS No.: NARK20020A

I. Basic Information:

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/31/2011

Expiration Date:

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

1	Health
1	Flammability
1	Reactivity
H	Pers. Protection

II. Ingredients: Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
1310732	Sodium hydroxide	10							2 mg/m3	2 mg/m3	1,390 C
7732185	Water (Distilled)	90							None	None	212 F

III. Hazardous Identification:

Hazard Category:

 Acute Chronic Fire Pressure Reactive
Hazardous Identification Information:

Harmful if swallowed. Respiratory and digestive tract irritant. Skin and eye irritant.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

These chemicals, as used in our chemical field test reagents, are in diluted and minimal concentrations and should not be harmful to users who adhere to good chemical handling hygiene.

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Possible skin and eye burns

Chronic: Dermatitis

Signs and Symptoms:

Inhalation: Coughing, possible burns, breathing difficulty

Ingestion: Pain, nausea, vomiting, diarrhea, shock

Medical Conditions Generally Aggravated by Exposure:

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Skin, eye, respiratory diseases

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of milk or water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Discard contaminated clothing in a manner which limits further exposure. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: NE

Upper Explosive Limit: NE

F.P. Method:

Fire Extinguishing Media: Dry chemical, carbon dioxide, water spray, alcohol-resistant foam

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion:

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (do not use flammable substances such as sawdust). Ventilate and wash spill site after collection.

Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in closed container. Keep cool and dry. Avoid incompatible materials. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

Other Precautions:

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

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Safety goggles, gloves, vapor respirator, protective clothing

IX. Physical and Chemical Properties:

Boiling Point: ~212 F

Melting Point: ~32 F

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): NE

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): NE

Solubility In Water: Soluble

Appearance and Odor: Odorless clear liquid

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Moisture, acids, carbon dioxide, cinnamaldehyde, zinc, chloroform + methane, metals, alloys, flammable liquids, organic halogens

Decomposition/By Products:

Sodium oxide & peroxide, flammable hydrogen gas

Hazardous Polymerization:

Has not been reported.

XI. Toxicological Information:

Harmful if swallowed. Respiratory and digestive tract irritant. Skin and eye irritant.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

These chemicals, as used in our chemical field test reagents, are in diluted and minimal concentrations and should not be harmful to users who adhere to good chemical handling hygiene.

XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life. Once liquid, sodium hydroxide leaches rapidly into the soil, possibly contaminating water sources.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

XIV. Transport Information:

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Keep in closed container. Keep cool and dry. Avoid incompatible materials. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

IATA

Shipping name: Chemical kit

Hazard class: 9

UN no.: 3316

Packing group: II

XV. Regulatory Information:

All ingredients are listed on the TSCA inventory.

Sodium hydroxide is listed as a Hazardous Substance under the Clean Water Act.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

MSDS - Material Safety Data Sheet**Product Name: NDB (Fast Blue B Salt) Reagent for Marijuana, Hashish, & THC (Ampoule 2)**

MSDS No.: NARK20020B

I. Basic Information:

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/31/2011

Expiration Date:

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

2	Health
1	Flammability
1	Reactivity
H	Pers. Protection

II. Ingredients: Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
14263946	Fast blue B salt (dye content ca. 90%)	Trace							NE	NE	>300 C
79016	Trichloroethylene	>99			X		X		100 ppm	50 ppm	189 F

III. Hazardous Identification:

Hazard Category:

 Acute Chronic Fire Pressure Reactive
Hazardous Identification Information:

May be harmful if inhaled, ingested, or absorbed by the skin. Respiratory and digestive tract irritant. Skin and eye irritant. Aspiration hazard. May cause central nervous system depression. May cause peripheral nervous system function impairment. May cause liver damage. May cause adverse reproductive effects based on animal studies. May cause cancer based on animal studies.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

These chemicals, as used in our chemical field test reagents, are in diluted and minimal concentrations and should not be harmful to users who adhere to good chemical handling hygiene.

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Chemical pneumonitis (if aspirated into lungs)

Chronic: Skin defatting, dermatitis, persistent neuritis, temporary loss of touch

Signs and Symptoms:

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Inhalation: Headache, dizziness, unconsciousness, coma

Eyes: Tearing, burning

Medical Conditions Generally Aggravated by Exposure:

Skin, eye respiratory, central nervous system, liver diseases

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: If victim is conscious and alert, give 2-4 cups of milk or water. (Never give anything by mouth to an unconscious person!) Aspiration hazard. Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: 12.5

Upper Explosive Limit: 90.0

F.P. Method:

Fire Extinguishing Media: Water spray, dry chemical, carbon dioxide, chemical foam

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Water may be used to cool fire-exposed containers.

Unusual Fire and Explosion:

Vapors from this product may travel some distance from original point to an ignition source and flash back. Containers may explode in heat of fire.

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and banded and then disposed of according to local, state, and federal regulations.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, rubber gloves, and disposable coveralls (discard after use). Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (dry sand or earth recommended; do not use flammable substances such as sawdust). Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Use only in well-ventilated areas. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated handling. Wash thoroughly after handling.

Other Precautions:

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"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

IX. Physical and Chemical Properties:

Boiling Point: 189 F

Melting Point: -121 F

Evaporation Rate (Butyl Acetate = 1): 0.69

Vapor Pressure (mm Hg.): 58

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): 4.53

Solubility In Water: Insoluble

Appearance and Odor: Clear liquid; sweet odor

Other Information:

X. Stability and Reactivity:

Stability:

Stable under normal temperatures and pressures.

Incompatibility (Materials to Avoid):

Ignition sources (heat, open flame, spark), oxidizers, alkalies, chemically active metals, epoxies, aluminum, barium, lithium, magnesium, liquid oxygen, ozone, hydroxides, potassium nitrate, sodium, titanium, nitrogen dioxide, water + heat & pressure

Decomposition/By Products:

Hydrogen chloride gas, carbon dioxide, chloride fumes, carbon monoxide & dioxide, nitrogen oxides, phosgene, dichloroacetyl chloride, formyl chloride

Hazardous Polymerization:

Has not been reported.

XI. Toxicological Information:

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May be harmful if inhaled, ingested, or absorbed by the skin. May cause central nervous system depression. May cause peripheral nervous system function impairment. May cause liver damage. May cause adverse reproductive effects based on animal studies.

Carcinogenicity

Trichloroethylene

California--Carcinogen

NIOSH--Occupational carcinogen

OSHA--Possible select carcinogen

IARC--Group 2A: Probably carcinogenic to humans

Mutagenicity

Trichloroethylene

Human mutation data has been reported. IARC and the National Toxicology Program (NTP) stated that variability in the mutagenicity test results with trichloroethylene may be due to the presence of various stabilizers used in trichloroethylene which are mutagens (e.g. epoxybutane, epichlorohydrin).

XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life. In air, trichloroethylene photooxidizes to form phosgene, dichloroacetyl chloride, and formyl chloride.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

Trichloroethylene

RCRA D-Series Maximum Concentration of Contaminants: Waste no. D040; regulatory level = 0.5 mg/L

RCRA D-Series Chronic Toxicity Reference Level: 0.005 mg/L

RCRA U-Series: Waste no. U228

Trichloroethylene is banned from land disposal according to RCRA.

XIV. Transport Information:

Keep in tightly closed container. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling.

IATA

Shipping name: Chemical kit

Hazard class: 9

UN no.: 3316

Packing group: II

XV. Regulatory Information:

Trichloroethylene is listed on the TSCA inventory.

Trichloroethylene is listed as a hazardous air pollutant (HAP) under the Clean Air Act.

Trichloroethylene is listed as a Hazardous Substance, Priority Pollutant, Toxic Pollutant under the Clean Water Act.

California Proposition 65: This product contains chemical(s) known to the State of California to cause cancer (trichloroethylene).

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

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MSDS No.: NARK20020B

<i>XVI. Other Information:</i>

Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.