

NH Laboratories, Inc.

Material Safety Data Sheet

Section 1:	Product Identification
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Product Identifier:	OCR Black Ribbon Ink
Product Codes:	AG-84B
Part Number:	170900-001
Chemical Family:	Mixture
Manufactureres:	NH Laboratories, Inc. PO Box 6369 Harrisburg PA 17112-0369 USA
Information Telephone:	Tel: (717) 545-3221
24 Hr. Emergency Tel#:	CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887

Section 2:	Composition and Information on Ingredients
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Name	CAS#	Exposure Limits		
		ACGIH (TLV)	OSHA (PEL)	OTHER
Mineral Oil	64742-52-5			
Carbon Black	1333-86-4			
Vegetable Oil	8002-13-9			
Toxicological Data on Ingredients	Not applicable			

Section 3:	Hazards Identification
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Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), or eye contact (irritant), or inhalation.

Classification:

Skin irritation	Category 2
Eye irritation	Category 2
Oral toxicity	Category 3
Dermal toxicity	Category 3
Inhalation toxicity	Category 2
Skin sensitization	Category 1

Labeling: Symbols: none

Hazard statements:

H335 May cause respiratory irritation as an Oil Mist/Spray

Section 4:	First Aid Measures
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Eye Contact Check for and remove any contact lenses. In case of eye contact, immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact:	Wash with soap and water. If irritation occurs, cover the irritated skin with an emollient. Get medical attention if irritation persists.
Inhalation	If inhaled, remove to fresh air. If breathing is difficult, get medical attention.
Ingestion	DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms appear.

Section 5	Fire and Explosion Data
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Suitable Extinguishing media:	Dry chemical, foam, CO2 and water fog.
Flammability of Product:	Non-flammable
Auto-Ignition Temperature	Not applicable
Special Fire hazards	When heated to decomposition it emits toxic fumes of Hydrogen cyanide, nitrogen oxides, carbon monoxide, carbon dioxide.
Special Remarks on Explosion Hazards	Not available

Section 6	Accidental Release Measures
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Personal precautions:	Persons cleaning-up should wear appropriate protective equipment. Do not eat, drink or smoke while in clean up.
Environmental precautions:	Do not allow product to enter drains, sewers, or waterways. For large spills, dike the area to prevent spreading.
Spill response/cleanup:	Use absorbent, inert material such as clay, kitty litter, towels, to contain and absorb liquid and place into a container for later disposal (see Section 13). Notify appropriate authorities as required.
Special spill response procedures:	In case of transportation accident, in the US contact CHEMTREC at 1 800 424-9300 or international at 1 703 527-3887.

Section 7. Handling and Storage

Precautions for safe handling: Wear suitable protective equipment (gloves, goggles, protective clothing, boots, boot/shoe covers, arm covers).
Do not ingest. Avoid contact with skin, eyes, and clothing.
Wash thoroughly after handling.

Conditions for safe storage: Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight.

Incompatible materials: Strong oxidizing agents, strong reducing agents, acids.

Special packaging materials: Keep in containers made of the same material as supply container (HDPE) plastic.

Section 8: Exposure Controls and Personal Protection
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Engineering Controls If user operations generate oil mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Respiratory protection: If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.

Skin protection: Impervious gloves must be worn when using this product.
Advice should be sought from glove suppliers.

Eyes/face Protection: Good industrial hygiene practices should be used when handling this product including goggles or face shield to prevent eye contact and protective gear to minimize skin contact and inhalation.

General hygiene considerations: Avoid breathing vapor or mist. Avoid contact with skin, eyes, and clothing. Do not eat, drink, chew gum or smoke while working with this product.
Upon completion of work, wash hands before eating or drinking. Remove and wash contaminated clothing before re-use.

Section 9: Physical and Chemical Properties

Physical state and appearance:	Black Liquid with mild odor
Odor threshold:	N/Av
Specific Gravity:	0.92
Boiling point:	>300 F
Melting/Freezing point:	not available
Vapor density:	Heavier than air
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility	not soluble
Flash Point	> 200 F, TCC
Auto-ignition temperature	Not applicable

Section 10: Stability and Reactivity

Chemical stability:	Stable under the recommended storage conditions
Possibility of hazardous reactions:	None known
Conditions to avoid:	Avoid heat and open flame
Materials to avoid and incompatibility:	See Section 7
Hazardous decomposition products:	None known

Section 11: Toxicological Information

Likely routes of exposure:	Skin: May cause irritation in sensitive individuals. Eye Contact: Avoid contact with eyes.
Toxicological data:	No information available
Sensitization:	No information available
germ cell mutagenicity:	No information available
Carcinogenicity:	No information available
Reproductive toxicity:	No information available
Specific target organ systemic toxicity (repeated exposure):	No information available
Epidemiology:	No information found

Section 12: Ecological Information

Mobility:	No data is available on the mixture itself.
Persistence:	No data is available on the mixture itself.
Bioaccumulation potential:	No data is available on the mixture itself.

Other adverse environmental effects: Ecological characteristics of this mixture have not been fully investigated.

Section 13: Disposal Considerations

Disposal recommendations: Do not discharge into any drains, waterways, or onto the ground. Disposal recommendations are based on material as supplies in liquid form. Disposal must be in accordance with current local laws and regulations.

Hazardous Waste Code/RCRA: Not regulated

Section 14: Transport Information

This material is not UN /IATA regulated.

This material is not classified as ICAO/IATA-DGR Dangerous Goods.

This material is not classified as hazardous per the IMDG Code.

This material is not classified as hazardous per ADR or the US Dept of Transportation (DOT).

Section 15: Regulatory Information

Inventory Status: All listed ingredients appear on the Toxic Substances Control Act (TSCA) Inventory, EINECS/ELINCS, AICS, and DSL.

Other International Inventories

TSCA	Listed
PICCS	Listed
IECSC	Listed
NZIOC	Listed

Restrictions - Reach Title V111 No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Chronic Health Hazard	No
Acute Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

CERCLA

This material does not contain any substances regulated as hazardous under CERCLA 40 CFR 302 or 40 CFR 355.

US State Right to Know Laws:

California Proposition 65: This product contains no ingredient known by the state of California to be carcinogenic.

Section 16: Other Information

Revision Date: 20-Dec-17

The information given herein is given in good faith but no warranty, expressed or implied, is made.