



**\*MATERIAL SAFETY DATA SHEET\***

**SECTION I – MATERIAL IDENTIFICATION**

MATERIAL NAME: NSJ - Conditioner

The D.S. Brown Company  
300 East Cherry Street  
North Baltimore, OH 45872

**EMERGENCY PHONE:**  
**CHEM-TREC: (800) 424-9300**

**SECTION II – HAZARDOUS INGREDIENTS**

| <u>Hazardous Ingredients</u> | <u>CAS Number</u> | <u>WT%</u> | <u>Exposure Limits</u> |                        |
|------------------------------|-------------------|------------|------------------------|------------------------|
|                              |                   |            | <u>OSHA (PEL/TWA)</u>  | <u>ACVGIH(TLV/TWA)</u> |
| Ethyl Acetate                | n/a               | 60 to 100  | n/a                    | n/a                    |
| Benzoyl Peroxide             | 94-36-0           | 5 to 10    | n/a                    | 5                      |
| Non Hazardous Components     | n/a               | 5 to 10    | n/a                    | n/a                    |

**SECTION III – HAZARDS IDENTIFICATION**

Potential Health Hazards – Acute

Eye: Causes eye irritation. Direct contact with the liquid or exposure to its vapors may cause burning, tearing and redness, Effects of contact may not show for several hours.

Skin: May cause irritation and/or sensitization. Prolonged or repeated exposure may cause redness and burning, drying and cracking of the skin and dermatitis. Persons with preexisting skin disorders may be more susceptible to the effects of this material.

Inhalation: High vapor concentration may produce nausea, vomiting, headaches, dizziness, unconsciousness and asphyxia in central nervous system.

Ingestion: Harmful if swallowed. May cause abdominal pain, vomiting and diarrhea.

Potential Health Effects – Chronic

Overexposure may result in damage to kidney and liver.

|                  | <u>NTP</u> | <u>IARC Monographs</u> | <u>OSHA Regulated</u> |
|------------------|------------|------------------------|-----------------------|
| Carcinogenicity: | NO         | NO                     | NO                    |
| Teratogenicity:  | NO         | NO                     | NO                    |

**SECTION IV – FIRST AID MEASURES**

Eye: Immediately flush with plenty of clean water for at least 15 minutes and get immediate medical attention.

Skin: Remove contaminated clothing. Clean affected area(s) thoroughly with soap and water.

Inhalant: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Ingestion: DO NOT INDUCE VOMITING. Administer large amounts of milk or water if available. Transport to a medical facility

SEEK MEDICAL ATTENTION IF SYMTPONS PERSIST



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**SECTION V – FIRE FIGHTING MEASURES:**

Flammability: Yes  
Flash Point (set-a-flash closed cup): -4 degrees C  
Flammable Limits (% volume in air): Lower = No data available Upper: No data available  
Auto Ignition Temperature: No data available  
Extinguishing Media: Extinguish with water spray, water fog, dry chemical, CO2 or foam.  
Hazard Combustion Products: Carbon monoxide, carbon dioxide biphenyls.

Fire Fighting Instructions: Closed containers may rupture violently when exposed to heat. Irritating vapors may be released during a spill. Combustion by-products may be hazardous. Use water only to cool containers to disperse vapors. Do not incinerate closed containers. Do not enter confined fire space without full bunker gear including a positive pressure, NIOSH approved, self contained breathing apparatus.

**SECTION VI – REACTIVITY DATA:**

STABILITY: Avoid Excessive Heating Over Long Periods of Time  
INCOMPATIBILITY: n/a  
DECOMPOSITION PRODUCTS: Not available  
HAZARDOUS POLYMERIZATION: May occur  
CONDITIONS TO AVOID: Heat, open flames and sparks

**SECTION VII – TOXICOLOGICAL INFORMATION:**

Route of Entry: Skin contact, eye contact, skin absorption, inhalation

| Components:       | Oral LD 50<br>(Rat) | Inhalation LC50<br>(Rat) |
|-------------------|---------------------|--------------------------|
| Benzoyl Peroxide: | 950 mg/kg           | n/a                      |
| Ethyl Acetate:    | 11000 mg/kg         | n/a                      |

**SECTION VIII– HANDLING & STORAGE PRECAUTIONS:**

HANDLING: Avoid inhalation, skin and eye contact. Practice good personal hygiene. Wash repeatedly with soap and water during the work day.

VENTILATION: Mechanical and local exhaust should be used for indoor use.

PERSONAL PROTECTION: Wear clean long sleeved body covering clothing. Use impervious gloves, chemical splash goggles and full face shield. When respiratory protection is required, use an approved air purifying respirator.

STORAGE: Store containers tightly closed with adequate ventilation in a cool dry area.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: waterlike liquid  
ODOR: Pungent  
BOILING POINT: 77 deg C  
MELTING POINT: Not applicable  
VAPOR PRESSURE (m/HG): 100.0  
VAPOR DENSITY: (Air = 1): 3.0  
SOLUBILITY IN WATER: slight  
SPECIFIC GRAVITY (H2O=1): 0.91  
EVAPORATION RATE: (n-Butyl Acetate = 1): Not applicable  
% VOLITILES BY VOLUME: 91.75



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**SECTION X – ACCIDENTAL RELEASE MEASURES:**

**SPILL:** Remove all sources of ignition (flames, sparks, etc.) Provide adequate ventilation. Avoid prolonged breathing of vapors. Remove to a container or absorb with clay, diatomaceous earth or other suitable inert absorbent.

**DISPOSAL:** Dispose of in accordance with all federal, state and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal.

**SECTION XI – PROPER D.O.T. SHIPPING INFORMATION:**

Flammable Liquid N.O.S. (Methyl Ethyl Ketone) Class 3/UN 1993/P.G. II

**SECTION XII – U.S. REGULATORY INFORMATION:**

OSHA: This material is hazardous by definition of Hazardous Communications Standard (29 DFR 1910.1200)  
SARA Title III:  
Section 311/312 hazard categories acute health, delayed health, fire.

**SECTION XIII – U.S. REGULATORY INFORMATION:**

This MSDS complies with 20 CRF 1910.1200 (THE HAZARD COMMUNICATION STANDARD). Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, The D.S. Brown Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will The D.S. Brown Company be responsible for damages of any nature whatsoever resulting from the use of, misuse or reliance upon information. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure its activities comply with Federal, State or Provincial, and local laws and regulations.

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