

# Material Safety Data Sheet (MSDS) - N-Butanol



Company Name: Loki Industries

## 1. Identification:

- Chemical Name: N-Butanol
- CAS Number: 71-36-3
- Synonyms: 1-Butanol, Butyl Alcohol, n-Butyl Alcohol
- Uses: Solvent, fuel additive, chemical intermediate

## 2. Hazard Identification:

- Hazard Class: Flammable Liquid (Category 3)
- Health Hazards: Causes skin irritation, may cause drowsiness or dizziness, harmful if inhaled
- Precautionary Measures: Keep away from heat, sparks, open flames, and hot surfaces

## 3. Composition/Information on Ingredients:

- Chemical Formula:  $C_4H_{10}O$
- Concentration: 100%

## 4. First-Aid Measures:

- Inhalation: Move to fresh air; seek medical attention if symptoms persist
- Skin Contact: Wash with soap and water
- Eye Contact: Rinse cautiously with water for several minutes
- Ingestion: Do not induce vomiting; seek medical help

## 5. Fire-Fighting Measures:

- Extinguishing Media: Dry chemical,  $CO_2$ , alcohol-resistant foam
- Hazards: Vapors may form explosive mixtures with air
- Protection: Wear self-contained breathing apparatus (SCBA)

## 6. Accidental Release Measures:

- Personal Protection: Wear gloves, goggles, and protective clothing

- Spill Response: Absorb with inert material; ventilate area

## 7. Handling and Storage:

- Handling: Use in well-ventilated areas; avoid ignition sources
- Storage: Keep in a cool, dry place in a tightly sealed container

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