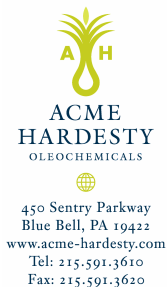


# Material Safety Data Sheet



PRODUCT NAME: 2-OCTANOL 99%

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: 2-OCTANOL 99%  
DATE: August 27, 2010

DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422

TELEPHONE: (866) 226 - 3834  
FAX: (215) 591 - 3620  
EMERGENCY: CHEMTREC (800) 424-9300

## COMPOSITION/INFORMATION OF INGREDIENTS

SYNONYMS: Capryl Alcohol; Methyl Hexyl Carbinol

MOLECULAR FORMULA: C<sub>8</sub>H<sub>18</sub>O

COMPOSITION	CHEMICAL FORMULA	CAS#	EINECS#	Wt/Wt, %	ANNEX INDEX#
2-Octanol	C <sub>8</sub> H <sub>18</sub> O	123-96-6	204-667-0	99 - 100	None

## HAZARDOUS IDENTIFICATION

HAZARDS TO HUMANS/ENVIRONMENT: Irritating to skin and eyes

## FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

SKIN CONTACT: In case of contact, immediately wash skin with soap and copious amounts of water.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration.  
If breathing is difficult, give oxygen.

INGESTION: If swallowed, wash out mouth with water provided person is conscious.  
Call a physician.

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**FIRE FIGHTING MEASURES**

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SUITABLE EXTINGUISHING MEDIA: Water spray  
Carbon dioxide  
Dry chemical powder  
Appropriate foam

SPECIAL RISKS: Specific Hazard(s): Emits toxic fumes under fire conditions  
Combustible

PROTECTIVE EQUIPMENT: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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**CHEMICAL AND PHYSICAL PROPERTIES**

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APPEARANCE : Liquid  
COLOR : Colorless  
ODOR : Unpleasant odor.  
pH : NA  
BOILING POINT RANGE, °C : 174.0 - 181.0°C 760 mmHg  
MELTING POINT RANGE, °C : Not applicable  
FREEZING POINT, °C : -39°C  
FLASH POINT, °C : 71°C (Closed cup)  
FLASH POINT, °C : 85°C (Cleveland Open Cup)  
FLAMMABILITY: : NA  
AUTO-IGNITION TEMP : NA  
OXIDIZING PROPERTIES : NA  
EXPLOSIVE PROPERTIES : NA  
EXPLOSION LIMITS : NA  
VAPOR PRESSURE @ 25°C (mm Hg) : 0.242  
SPECIFIC GRAVITY/DENSITY : 0.819 g/cm<sup>3</sup>  
PARTITION COEFFICIENT Log K<sub>ow</sub>: : 2.72  
VISCOSITY : NA  
VAPOR DENSITY : 4.5 g/l  
SATURATED VAPOR CONC. : NA  
EVAPORATION RATE : NA  
BULK DENSITY : NA  
DECOMPOSITION TEMPERATURE : NA  
SOLVENT CONTENT : NA  
WATER CONTENT : NA  
SURFACE TENSION : NA  
CONDUCTIVITY : NA  
MISCELLANEOUS DATA : NA  
SOLUBILITY IN WATER : Soluble  
OTHER SOLVENTS : Most Organic  
MOLECULAR WEIGHT: : 130.23

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**STABILITY AND REACTIVITY**

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STABILITY: Stable

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS POLYMERIZATION: Will not occur

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EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING MEASURES

Mechanical exhaust required  
Safety shower and eye bath

GENERAL HYGIENE MEASURES:

Wash thoroughly after handling

PERSONAL PROTECTION:

RESPIRATORY EQUIPMENT:

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).  
Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.  
If the respirator is the sole means of protection, use a full-face supplied air respirator.

HAND PROTECTION:

Compatible chemical-resistant gloves.

EYE PROTECTION:

Chemical safety goggles

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ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS:

Wear respirator  
Chemical safety goggles  
Rubber boots  
Heavy rubber gloves.

METHODS FOR CLEANING UP:

Absorb on sand or vermiculite and place in closed containers for disposal.  
Ventilate area and wash spill site after material pickup is complete.

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HANDLING AND STORAGE

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HANDLING:

Do not breathe vapor  
Avoid contact with eyes, skin, and clothing  
Avoid prolonged or repeated exposure

STORAGE:

Keep tightly closed.  
Keep away from heat and open flame  
Store in a cool dry place

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ECOLOGICAL INFORMATION

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No data available.

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TOXICOLOGICAL INFORMATION

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RTECS NUMBER: RH0795000

IRRITATION DATA: Eyes Remarks: Mild irritation effect

EXPOSURE SIGNS/SYMPTOMS: To the best of The manufacturer's knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.  
Nausea, dizziness, and headache.  
Prolonged exposure can cause:

ROUTE OF EXPOSURE: Skin Contact: Causes skin irritation  
Skin Absorption: May be harmful if absorbed through the skin  
Eye Contact: Causes eye irritation  
Inhalation: May be harmful if inhaled.  
Material may be irritating to mucous membranes and upper respiratory tract.  
Ingestion: May be harmful if swallowed.

TARGET ORGANS: Nerves

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DISPOSAL CONSIDERATIONS

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This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.  
Observe all national, state, and local environmental regulations

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TRANSPORTATION INFORMATION

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RID/ADR: Non-hazardous for road transport.  
IMDG: Non-hazardous for sea transport.  
IATA: Non-hazardous for air transport.

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REGULATORY INFORMATION

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COUNTRY SPECIFIC INFORMATION

Germany

WGK: 2

Self-Classification

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ADDITIONAL INFORMATION

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In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Wear suitable protective clothing.

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.