

## Safety, reliability and customer convenience

are the foundations of our business. From product selection to packaging innovations, we continuously strive to develop features that protect product integrity and the scientific community.



## What's on the Label?

**1** Danger, Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

**2** Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Keep cool. Get medical attention/advice if you feel unwell. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use CO<sub>2</sub> dry chemical, or foam for extinction. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to an approved waste disposal plant.

**3** SDS

**4** Actual Lot Analysis

**5** A929-4

**6** Storage Code Red

**7** GHS Pictogram

**8** UN1090 ACETONE

**9** Packaged under Nitrogen. Submicron Filtered. For HPLC, Pesticide Residue Analysis, GC, and Spectrophotometry

**10** 4 L

**11** A929-4

**12** LOT 147019

**13** Fisher Scientific: Janssen Pharmaceuticaal 3a 1 Reagent Lane 2440 Geel - Belgium Tel: +32 14 57 52 11 www.fisherco.uk

**14** Fisher Chemical

**15** C3H6O F.W. 58.08 Product of United States

**Actual Lot Analysis**

ALDEHYDE	<0.0020
ARSENIC	<0.0010
CADMIUM	<0.0010
COPPER	<0.0010
CHROMIUM	<0.0010
COBALT	<0.0010
IRON	<0.0010
LEAD	<0.0010
MANGANESE	<0.0010
MERCURY	<0.0010
NICKEL	<0.0010
SILICA	<0.0010
SODIUM	<0.0010
ZINC	<0.0010
EVAPORATION RESIDUE	<0.1000
FLUORESCENCE BACKGROUND	<0.1000
IDENTIFICATION	PASS TEST
ISOPROPYL ALCOHOL	<0.0100
METHANOL	<0.0100
OPTICAL ABS AT 280 NM	<0.0010
OPTICAL ABS AT 300 NM	<0.0010
OPTICAL ABS AT 340 NM	<0.0010
OPTICAL ABS AT 380 NM	<0.0010
OPTICAL ABS AT 420 NM	<0.0010
PESTICIDE RESIDUE ANALYSIS	PASS TEST
RESPECTIVE INDEX @ 25 DEG C	<0.0010
SOLUBILITY IN WATER	>2500
SUBSTANCES REDUCING VISCOSITY	PASS TEST
TITRATABLE ACID	<0.0009mEq/g
WATER (H2O)	<0.0009mEq/g

**UN1090 ACETONE**

For laboratory and manufacturing use only, not for drug, food, or household use. DO NOT TRANSFER TO AN UNMARKED CONTAINER

Received- / / Opened- / /

L-18330 U

- The bar code is an alphanumeric code widely used by industry for inventory and tracking control. This "three-of-nine" code meets the Health Industry Bar Code (HIBC) Supplier Labeling Standard as prepared by the Health Industry Business Communication Council (HIBCC).
- This area contains the appropriate precautionary signal word i.e., (DANGER, WARNING) and highlights the potential health hazards, both acute and chronic, of the product.
- QR Codes on Label:** SDS (formally called the material safety data sheet) provides procedures for handling that substance and lot- specific Certificate of Analysis, which proves the lot of substance adheres to the standards of the product specifications. Scan Label by using Smartphone and get instant access to this information.
- The Maximum Limits of Impurities are indicated.
- The full Product Name and Purity Grade are listed.
- ChemAlert Guide:** Matches rim color of Fisherlock. The five storage colors and their descriptions are listed below.
- GHS Pictogram** - Each black-on-white symbol inside a red border represents a different type of hazard.
- The U.S. Dept. of Transportation (DOT) shipping information includes the United Nations/ North America (UN/NA) Number, which identifies the UN/NA numerical designation for transportation hazards and the DOT proper Shipping Name.
- In this area, product composition is listed along with the product Chemical Abstract Service (CAS) Registry Number.
- Package Size:** The amount of material per unit.
- The catalog number is shown for identification and reference.
- Lot Number**
- The address and telephone number of the manufacturer is listed.
- Name and logo of the brand.
- Chemical formula.

**NOTE:** ChemAlert is an instant reference only. It should be supplemented by reading the rest of the label (which provides detailed instructions in the event of accidental exposure, spill or fire, and applicable OSHA, DOT, GHS, ANSI\* data), the appropriate SDS, CofA, and standard references.

### ChemAlert™ storage codes provide guidelines that match the bottom rim of our FisherLOCK cap.

- Red:** Flammable. Store in area segregated for flammable reagents.
- Blue:** Health hazard. Toxic if inhaled, ingested or absorbed through skin. Store in secure area.
- Yellow:** Reactive and oxidizing reagents. May react violently with air, water or other substances. Store away from flammable and combustible materials.
- White:** Corrosive. May harm skin, eyes, mucous membrane. Store away from red-, yellow- and blue-coded reagents.
- Gray:** Presents no more than moderate hazard in any of the categories above. For general chemical storage.

**Exception:** Reagent incompatible with other reagents of the same color. Store separately.

<p><b>GHS01 Exploding bombs</b> = Explosive, self reactive; heating may cause fire or explosion.</p>	<p><b>GHS02 Flame</b> = Flammable chemicals can catch fire easily and burst into flames.</p>	<p><b>GHS03 Flame over circle</b> = Oxidizing: can react with other materials causing them to burn or explode.</p>
<p><b>GHS04 Gas cylinder</b> = Gas under pressure: chemical can explode, rocket or harm health if the cylinder is heated, ruptured or leaking.</p>	<p><b>GHS05 Corrosion</b> = Corrosive: may cause skin corrosion/burns; eye damage; eat away clothing, working surfaces, and/or metals.</p>	<p><b>GHS06 Skull and crossbones</b> = Toxic: highly poisonous material; can cause immediate and possibly serious health problems.</p>
<p><b>GHS07 Exclamation mark</b> = Other hazard: irritant (skin and eye), skin sensitizer, acute toxicity, narcotic effects, respiratory track irritant, harmful if swallowed, toxic if inhaled.</p>		<p><b>GHS08 Health hazard</b> = Specific health hazard including carcinogenic; mutagenic; toxic for reproduction: may cause asthma or damage to specific organs of the body.</p>

## Not All Solvents are Created Equal

Designed with the researcher in mind, Choose Fisher Chemical for your analysis!

<p><b>QR Codes</b></p> <p>Deliver SDS + lot specific CofA at your fingertips!</p> <p>FisherSci.com/QR</p>	<p><b>FisherLOCK™</b></p> <p>Caps are secure, tamper-evident, lock in quality!</p> <p>FisherSci.com/fisherlock</p>	<p><b>EcoSafPAK™</b></p> <p>Styrofoam-FREE Eco-Friendly Sturdy shipping containers</p> <p>FisherSci.com/ecosafepak</p>	<p><b>SAFE-Cote™</b></p> <p>Keeps product and researcher safe in the event of a bottle break!</p> <p>FisherSci.com/safecote</p>
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