

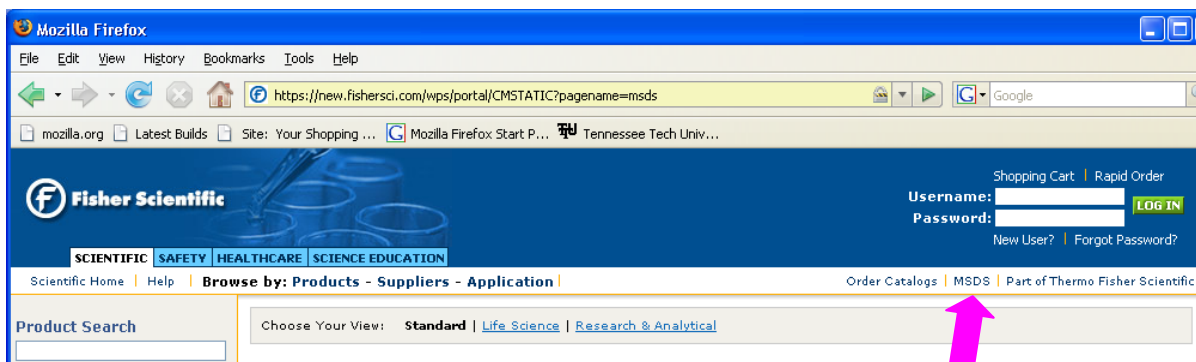
Accessing Material Safety Data Sheets	Effective Date: November 6, 2015
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Procedure No.: 100-110	Revision No. 2

Material Safety Data Sheet (MSDS) Information

To access information about any chemical, use the MSDS search function on the following websites.

Fisher

Go to www.fishersci.com. It will automatically redirect you to new.fishersci.com.



Click on MSDS. (If MSDS doesn't show on the toolbar when the page opens, click on the Safety tab on the left of the screen and it will appear.) The following information is found on this page.

MSDS Search

WHAT IS MSDS SEARCH?

MSDS Search allows you to quickly find, view and print a Material Safety Data Sheet for Fisher Chemical and Acros Organics products.

WHY WOULD I USE MSDS SEARCH?

This fast, easy way to find, view and print Material Safety Data Sheets enables you to avoid spending time and effort searching through files and binders.

WHEN WOULD I USE MSDS SEARCH?

Use MSDS Search when you want to view and/or print the material safety data sheet for a Fisher Chemical or Acros Organics product.

WHO CAN USE MSDS SEARCH?

Any visitor to fishersci.com can use this function to get Materials Safety Data Sheets.

WHERE DO I FIND MSDS SEARCH?

An MSDS icon appears on every chemical product page.

Potassium Hydroxide (Flakes/Technical), Fisher CF

[Scientific](#) > [Chemicals](#) > [Analytical Reagents](#) > [Caustics](#) > [Technical Gr](#)

**F Potassium Hydroxide
Flakes
Technical**
Potash Lye, Caustic Potash, KOH
F.W. 56.11
[1310-58-3]

← CAS Number

Items Safety & Handling

Characteristics	Cat. No.	Qty.
Poly Bottle: 3kg	P246-3	

MSDS

STEP 1. Click the MSDS icon on the chemical product page to disclose the material safety data information for this chemical.

Material Safety Data Sheet
Potassium Hydroxide

ACC# 19431

Section 1 - Chemical Product and Company Identification

MSDS Name: Potassium Hydroxide
Catalog Numbers: S71977, S71978, S71979, S71979-1, S71979-2, S72221D, P246-3, P250-1, P250-10, P250-3, P250-50, P250-500, P250-50LC, P250500LC, P251-3, P251-50, P251-500, P251-50KG, P25812, P258212, P25850, P25850LC, PFP25050LC
Synonyms: Caustic potash; Lye; Potassium hydrate
Company Identification:
Fisher Scientific
1 Reagent Lane
Fair Lawn, NJ 07410
For information, call: 201-796-7100
Emergency Number: 201-796-7100
For CHEMTREC assistance, call: 800-424-9300
For International CHEMTREC assistance, call: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
1310-58-3	Potassium hydroxide (KOH)	100.0	215-181-3

STEP 2. To review the information, use the scroll bar on the right side of the page.

STEP 3. To print the Material Safety Data Sheet, click your browser's printer icon.

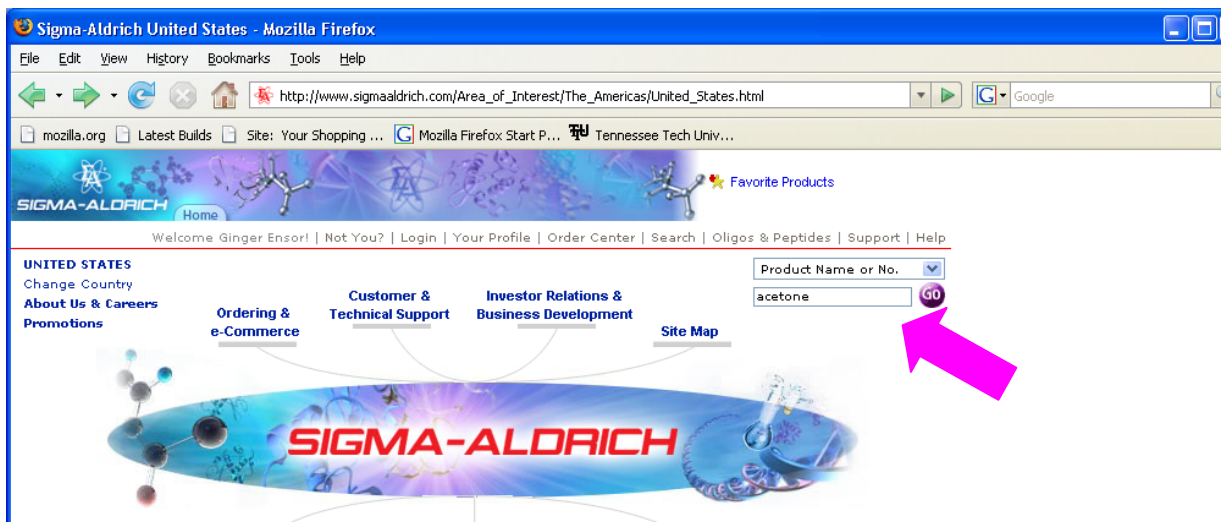
STEP 4. To return to the chemical product page, click on the browser's close button.

Chemicals may be found using the Product Search feature found on the left side of each page on the Fisher site. Enter the CAS number, if known, to ensure that you're getting the MSDS for that chemical. CAS numbers are found on labels of chemicals that have been received within the past several years; older chemicals may lack this information. They follow the format: 2 to 5 digits – 2 digits – 1 digit, i.e., 1310-58-3. If the CAS number is not available, use the Fisher catalog number found on the label, if available, or

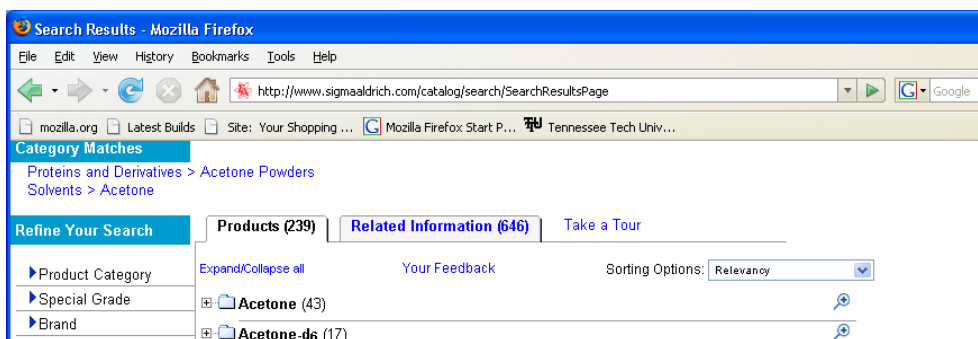
use the name of the chemical. Since there is frequently more than one name for chemicals, CAS or catalog numbers are more likely to get the proper MSDS.

Sigma-Aldrich (probably better for organics)

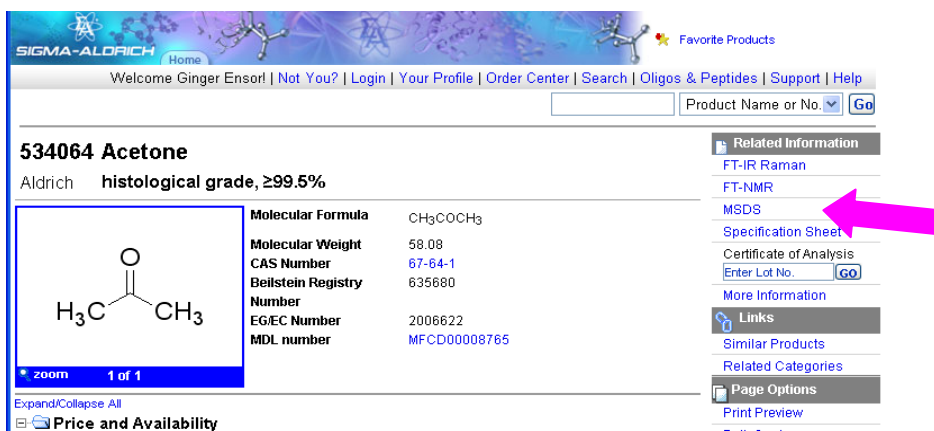
Go to www.sigmaaldrich.com.



Enter chemical name or CAS number (preferred) in the box under Product Name or No., click on “Go.”



Select product and click on name, then click on MSDS.



The screenshot shows the Sigma-Aldrich website interface. At the top, there is a navigation bar with links for Home, Login, Your Profile, Order Center, Search, Oligos & Peptides, Support, and Help. Below this is a search bar with the text 'Product Name or No.' and a 'Go' button. The main content area displays the product '534064 Acetone' from Aldrich, with a 'histological grade, ≥99.5%' specification. A chemical structure of acetone is shown on the left, with the formula $\text{H}_3\text{C}-\text{C}(=\text{O})-\text{CH}_3$. To the right of the structure is a table of properties:

Molecular Formula	CH_3COCH_3
Molecular Weight	58.08
CAS Number	67-64-1
Bellstein Registry Number	635680
EG/EC Number	2006622
MDL number	MFC00008765

On the right side of the page, there is a sidebar with several sections: 'Related Information' (containing links for FT-IR Raman, FT-NMR, MSDS, and Specification Sheet), 'Certificate of Analysis' (with an 'Enter Lot No.' field and a 'GO' button), 'More Information', 'Links' (containing Similar Products and Related Categories), and 'Page Options' (containing a Print Preview button). A pink arrow points to the 'MSDS' link in the 'Related Information' section.

Safety Data Sheets can also be accessed through Google. Type in the name of the chemical and MSDS or SDS. This will give you a listing of Material Safety Datasheets available. The CAS # can also be used in the search.

The sections of a Safety Data Sheet are listed below.

The 16 sections are: [\[7\]](#) [\[dead link\]](#)

- SECTION 1: Identification of the substance/mixture and of the company/undertaking
 - 1.1. Product identifier
 - 1.2. Relevant identified uses of the substance or mixture and uses advised against
 - 1.3. Details of the supplier of the safety data sheet
 - 1.4. Emergency telephone number
- SECTION 2: Hazards identification
 - 2.1. Classification of the substance or mixture
 - 2.2. Label elements
 - 2.3. Other hazards
- SECTION 3: Composition/information on ingredients
 - 3.1. Substances
 - 3.2. Mixtures
- SECTION 4: First aid measures
 - 4.1. Description of first aid measures
 - 4.2. Most important symptoms and effects, both acute and delayed
 - 4.3. Indication of any immediate medical attention and special treatment needed
- SECTION 5: Firefighting measures
 - 5.1. Extinguishing media

- 5.2. Special hazards arising from the substance or mixture
- 5.3. Advice for firefighters

- SECTION 6: Accidental release measure
 - 6.1. Personal precautions, protective equipment and emergency procedures
 - 6.2. Environmental precautions
 - 6.3. Methods and material for containment and cleaning up
 - 6.4. Reference to other sections

- SECTION 7: Handling and storage
 - 7.1. Precautions for safe handling
 - 7.2. Conditions for safe storage, including any incompatibilities
 - 7.3. Specific end use(s)

- SECTION 8: Exposure controls/personal protection
 - 8.1. Control parameters
 - 8.2. Exposure controls

- SECTION 9: Physical and chemical properties
 - 9.1. Information on basic physical and chemical properties
 - 9.2. Other information

- SECTION 10: Stability and reactivity
 - 10.1. Reactivity
 - 10.2. Chemical stability
 - 10.3. Possibility of hazardous reactions
 - 10.4. Conditions to avoid
 - 10.5. Incompatible materials
 - 10.6. Hazardous decomposition products

- SECTION 11: Toxicological information
 - 11.1. Information on toxicological effects

- SECTION 12: Ecological information
 - 12.1. Toxicity
 - 12.2. Persistence and degradability
 - 12.3. Bioaccumulative potential
 - 12.4. Mobility in soil
 - 12.5. Results of PBT and vPvB assessment
 - 12.6. Other adverse effects

- SECTION 13: Disposal considerations
 - 13.1. Waste treatment methods

- SECTION 14: Transport information
 - 14.1. UN number
 - 14.2. UN proper shipping name

- 14.3. Transport hazard class(es)
- 14.4. Packing group
- 14.5. Environmental hazards
- 14.6. Special precautions for user
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

- SECTION 15: Regulatory information
 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 - 15.2. Chemical safety assessment

- SECTION 16: Other information

Laboratory Manager

Date