

NCI Global

www.cas.org/products/nciglobal

NCI™ Global

Accurate and up-to-date compliance information for regulatory professionals



Researching and meeting regulatory requirements is difficult and time-consuming

- Regulations are constantly changing
- Safety Data Sheet information is often unreliable and must be verified
- Businesses are increasingly expanding into global markets, and regulatory information is scattered across websites and repositories
- Registering substances with regulatory agencies can be onerous; finding substances or similar substances that have already been registered saves time and money

The risks associated with non-compliance can affect your ability to conduct business efficiently and economically

- Safety concerns must be addressed and mitigated
- Fines exact a monetary toll and can tarnish your organization's reputation, and penalties in some regions include imprisonment
- Shipping hold-ups lead to delivery delays and disrupt the supply chain
- Unexpected disposal costs impact your bottom line and schedule



NCI Global provides the information your organization needs to meet regulatory requirements

- You need NCI Global if your organization:
 - Manufactures, imports or exports chemicals
 - Transports products
 - Develops new products or reformulates existing products
 - Submits regulatory and compliance forms and reports



Accurate scientific and regulatory data enable you to efficiently assess requirements specific to your products and business

- NCI Global lets you quickly determine:
 - Where a product can be shipped or sold
 - Whether substances you produce or use are included on an inventory or list
 - If products similar to yours are already included on an inventory
 - Whether a new product formulation is compliant
 - Classification, labeling and packaging requirements for exporting products

Designed for regulatory professionals, NCI Global integrates seamlessly into your compliance workflow

- **Single resource** for global compliance information
- **Straightforward interface** for searching substances and regulatory lists
- **Flexible search capabilities** let you search by:
 - Substance name and synonyms
 - CAS Registry Number®
 - Substance components
 - Molecular formula
 - Words and phrases in the names and definitions of UVCB substances
- **Search results organized by geographic region** for quick drill-down
- **Automated e-mail notifications** keep you informed about regulatory changes to substances of interest

Comprehensive and up-to-date regulatory information provides answers you can trust

- Nearly 150 inventories and lists
 - 16 national chemical inventories
 - Restricted chemical lists
 - International lists for high production volume (HPV) chemicals
 - Dangerous chemicals with transportation restrictions
 - Pollutant release inventories
 - Classification, labeling and packaging requirements (CLP)
- Coverage of more than 347,000 regulated substances, including those submitted in Premanufacture Notices (PMN)
- Weekly updates to regulatory content

NCI Global is brought to you by CAS



- CAS organizes, analyzes and shares information that drives scientific discoveries
- CAS has been working with the United States Environmental Protection Agency since 1977 to produce the TSCA Inventory
- CAS is the curator of CAS REGISTRYSM, the only authoritative source for CAS Registry Numbers



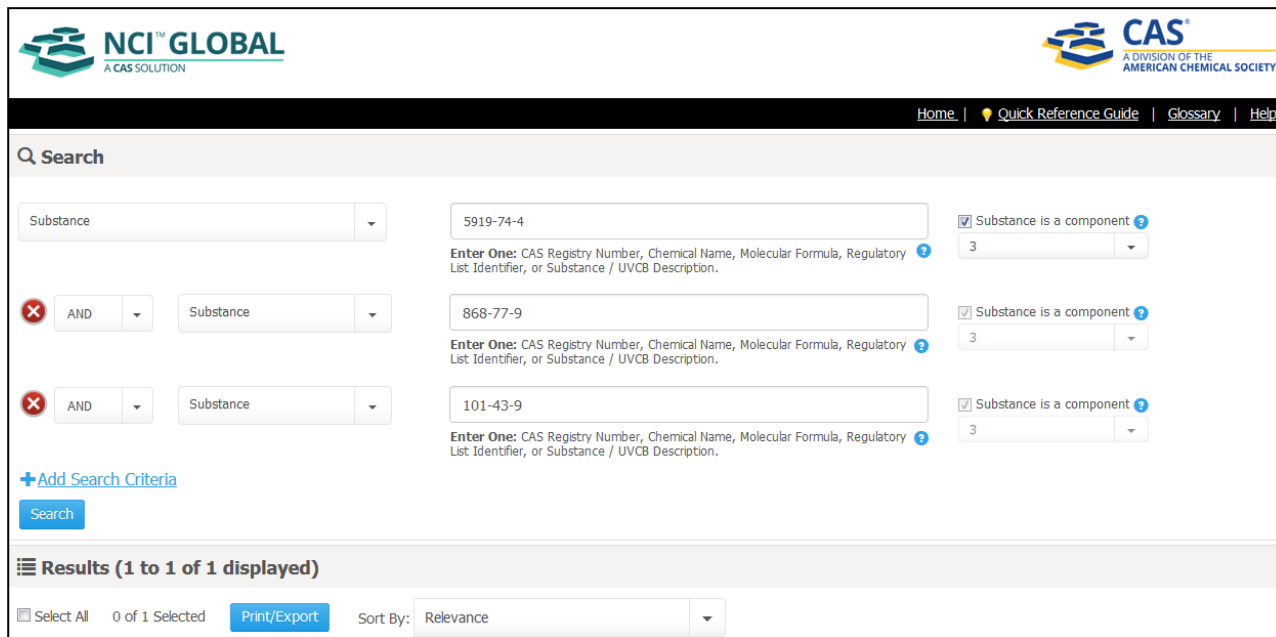
NCI Global Features and Capabilities



Search for substances by name, CAS Registry Number, molecular formula, or substance description

The screenshot displays the NCI Global Search interface. At the top left is the NCI™ GLOBAL logo with the tagline 'A CAS SOLUTION'. At the top right is the CAS logo with the tagline 'A DIVISION OF THE AMERICAN CHEMICAL SOCIETY'. Below the logos is a navigation bar with links for Home, Quick Reference Guide, Glossary, and Help. The main search area is titled 'Search' and features a dropdown menu set to 'Substance' and a search input field containing 'bromacil'. Below the input field is a checkbox labeled 'Substance is a component' and a help icon. A tooltip below the input field reads: 'Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.' Below the search bar is a '+ Add Search Criteria' link and a 'Search' button. Three additional search examples are shown as overlapping boxes: 1. Input: '314-40-9', Output: 'Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.' 2. Input: 'C9H13BrN2O2', Output: 'Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.' 3. Input: 'polycyclic', Output: 'Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.'

Search for a substance by its components



The screenshot shows the NCI Global search interface. At the top left is the NCI Global logo, and at the top right is the CAS logo. The search bar is titled "Search" and contains three criteria, each with a "Substance" dropdown menu and a "Substance is a component" checkbox. The criteria are: 5919-74-4, 868-77-9, and 101-43-9. Each criterion has a "Substance is a component" checkbox checked and a dropdown menu set to "3". Below the search criteria is a "Search" button. At the bottom, there is a "Results (1 to 1 of 1 displayed)" section with a "Select All" checkbox, a "Print/Export" button, and a "Sort By: Relevance" dropdown menu.

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CAS™
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AMERICAN CHEMICAL SOCIETY

Home | Quick Reference Guide | Glossary | Help

Search

Substance

5919-74-4

Substance is a component

3

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

AND Substance

868-77-9

Substance is a component

3

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

AND Substance

101-43-9

Substance is a component

3

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

+ Add Search Criteria

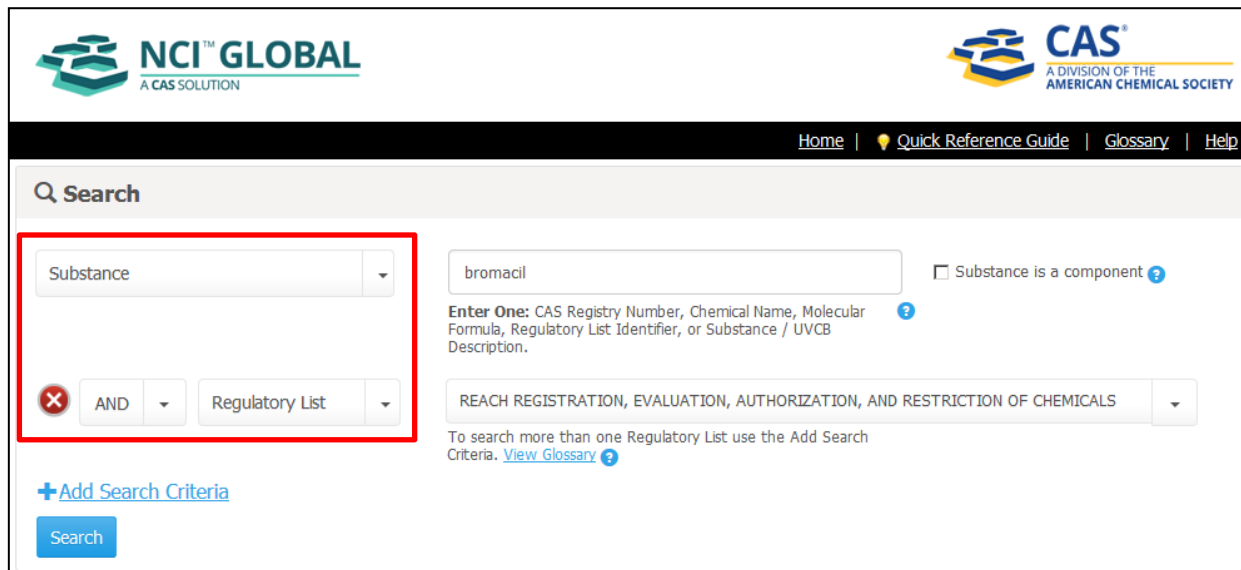
Search

Results (1 to 1 of 1 displayed)

Select All 0 of 1 Selected Print/Export Sort By: Relevance

Find the polymer
comprising these
monomers

Search by substance, regulatory list...or both!



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AMERICAN CHEMICAL SOCIETY

Home | Quick Reference Guide | Glossary | Help

Q Search

Substance

bromacil

Substance is a component

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

AND

Regulatory List

REACH REGISTRATION, EVALUATION, AUTHORIZATION, AND RESTRICTION OF CHEMICALS

+ Add Search Criteria

Search

Is bromacil listed on REACH?

Summary results provide high-level information

Substance Substance is a component [?](#)

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description. [?](#)

[+ Add Search Criteria](#)

Results (1 to 50 of 487 displayed)

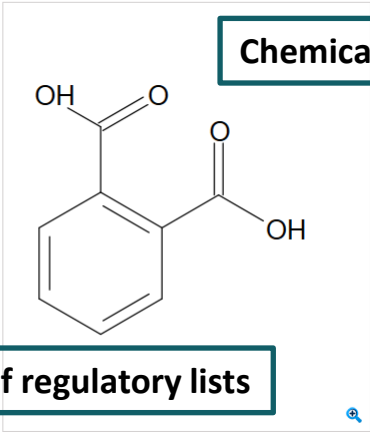
Select All 0 of 487 Selected Sort By: Relevance

1. CAS Registry Number: 88-99-3
Formula: C₈H₆O₄
Inventory Names & Synonyms:
1,2-Benzenedicarboxylic acid (AICS,DSL,ECL,INSQ,NZIoC,PICCS,SWISS,TSCA)
o-Phthalic acid (IECSC)
Acide phtalique (French)(DSL,EINECS)
phthalic acid (EINECS,PICCS,REACH)
Phthalsäure (German)(EINECS)
ácido ftálico (Spanish)(EINECS)
Orthophthalic acid (ENCS)
PHTHALSAEURE (German)(SWISS)
Acido 1,2-benzenodicarboxílico (Spanish)(INSQ)
M 2
[View all 21](#)

Regulatory Lists: AICS, DSL, ECL, EINECS, ENCS, FDA, HTC, IECSC, INSQ, NZIoC, PICCS, REACH, SWISS, TSCA
[View Glossary](#)

Confidential Business Information: Public

Chemical structure



Substance names and synonyms

Summary view of regulatory lists

Click for details



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Detailed results are organized by geographic location

Details by Country/International & Other Lists

Harmonized Tariff Code
Harmonized Tariff Code: 291739

- ▼ Australia
- ▼ Canada
- ▼ China
- ▲ **European Communities/European Union**
- ▼ Japan
- ▼ Mexico
- ▼ New Zealand
- ▼ Philippines
- ▼ South Korea
- ▼ Switzerland
- ▼ United States

Summary
Inventory Status On REACH
REACH: List of Registered Substances, 2016
Inventory Status On EINECS
Annex to Official Journal of the European Communities, 15 June 1990
Regulatory List Number
EC No.: 201-873-2
EINECS No.: 201-873-2
EU customs code
CN: 29173980; 29173995

▼ European Community Regulations

▼ Other European Regulations

Click to view details for a particular region



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Export or print summary results for initial review

Substance Substance is a component

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB D

[+Add Search Criteria](#)

Results (1 to 3 of 3 displayed)

Select All 0 of 3 Selected Sort By: Relevance

1. CAS Registry Number: 314-40-9
Formula: $C_9H_{13}BrN_2O_2$
Inventory Names & Synonyms:
2,4(1*H*,3*H*)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl)- (AICS,DSL,INSQ,NZIoC,PICCS,SWISS)
Bromacil (English,French,German)(DSL,EINECS,REACH,SWISS)
bromacilo (Spanish)(EINECS)
5-Bromo-3-sec-butyl-6-methyluracil (ENCS)
5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1*H*,3*H*)-pyrimidinedione (ECL)
URACIL, 5-BROMO-3-SEC-BUTYL-6-METHYL- (PICCS)
2,4(1*H*,3*H*)-Primidinadiona, 5-bromo-6-metil-3-(1-metilpropil)- (Spanish)(INSQ)
(±)-**Bromacil**
2,4(1*H*,3*H*)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methyl propyl)-
3-sec-Butyl-5-bromo-6-methyluracil
[View all 33](#)

Regulatory Lists: ACGIH, AICS, DSL, ECL, EINECS, ENCS, FIFRA, HTC, INSQ, NIOSH, NZIoC, PICCS, REACH, RSTR, SARA, STATE, SWISS [View Glossary](#)

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Print/Export

Fields

Selected Results
 All Results

Format

Portable Document Format (.pdf)
 Rich Text Format (.rtf)
 Comma Separated Values (.csv)
Excel compatible

Include in export:

All Synonyms

Export or print detailed results for further analysis

Q Search

Substance Substance is a component ?

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

+ Add Search Criteria

Search

Return to Results **Print/Export** Create Alert

Details

CAS Registry Number
314-40-9

Formula
 $C_9H_{13}BrN_2O_2$

Inventory Names & Synonyms

- 2,4(1*H*,3*H*)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl)- (AICS, DSL, INSQ, NZIoC, PICCS, Bromacil (English, French, German) (AREC, DSL, ECL, EINECS, REACH, SWISS)
- bromaclo (Spanish) (EINECS)
- 5-Bromo-3-sec-butyl-6-methyluracil (AREC, ECL, ENCS)
- 5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1*H*,3*H*)-pyrimidinedione (AREC, ECL)
- Uragon (AREC, ECL)
- URACIL, 5-BROMO-3-SEC-BUTYL-6-METHYL- (PICCS)
- 2,4(1*H*,3*H*)-Pirimidinadiona, 5-bromo-6-metil-3-(1-metilpropil)- (Spanish) (INSQ)
- (±)-Bromacil
- 2,4(1*H*,3*H*)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methyl propyl)-

[View all 34](#)

Regulatory List: ACGIH, AICS, AREC, DSL, ECL, EINECS, ENCS, FIFRA, HTC, INSQ, NIOSH, NZIoC, PICCS, STATE, SWISS [View Glossary](#)

Confidential Business Information: Public

Print/Export ?

Format

- Portable Document Format (.pdf)
- Rich Text Format (.rtf)

Include in export:

- All Synonyms
- UVCB Information
- Details by Country/International & Other Lists
 - Expanded Sections
 - All Sections

Export Cancel



Receive automated notifications of regulatory changes to substances of interest

Q Search

Substance

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

[+ Add Search Criteria](#)

[Return to Results](#)

Details

CAS Registry Number
314-40-9

Formula
C₉H₁₃BrN₂O₂

Inventory Names & Synonyms

- 2,4(1*H*,3*H*)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl)- (AICS, DSL, INSQ, NZIoC, PICCS, SWISS)
- Bromacl (English, French, German) (AREC, DSL, ECL, EINECS, REACH, SWISS)
- bromaclo (Spanish) (EINECS)
- 5-Bromo-3-sec-butyl-6-methyluracl (AREC, ECL, ENCS)
- 5-Bromo-6-methyl-3-(1-methylpropyl)-2,4(1*H*,3*H*)-pyrimidinedione (AREC, ECL)
- Uragon (AREC, ECL)
- URACIL, 5-BROMO-3-SEC-BUTYL-6-METHYL- (PICCS)
- 2,4(1*H*,3*H*)-Pirimidinadiona, 5-bromo-6-metil-3-(1-metilpropil)- (Spanish) (INSQ)
- (±)-Bromacl
- 2,4(1*H*,3*H*)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methyl propyl)-

[View all 34](#)

Regulatory List: ACGIH, AICS, AREC, DSL, ECL, EINECS, ENCS, FIFRA, HTC, INSQ, NIOSH, NZIoC, PICCS, REACH, RSTR, SARA, STATE, SWISS [View Glossary](#)

Confidential Business Information: Public

Create Alert

Alert updates are sent out on a weekly basis if an update to the information is available.

Alert Name
314-40-9 2,4(1*H*,3*H*)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl)-

Please enter your information below:

First Name

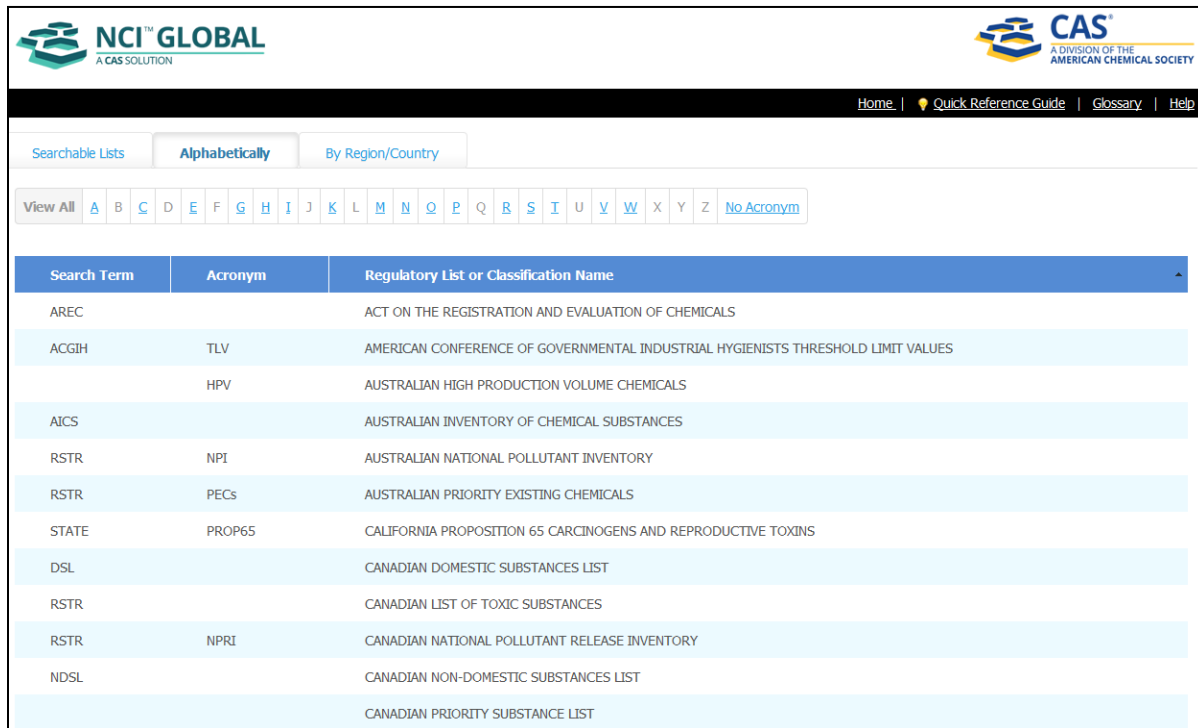
Last Name

Email Address

A confirmation message will be sent to your email address.



View the glossary to display inventories and lists covered by NCI Global



The screenshot shows the NCI Global website interface. At the top left is the NCI Global logo (A CAS SOLUTION). At the top right is the CAS logo (A DIVISION OF THE AMERICAN CHEMICAL SOCIETY). Below the logos is a navigation bar with links for Home, Quick Reference Guide, Glossary, and Help. The main content area has a search bar with 'Searchable Lists' and two tabs: 'Alphabetically' (selected) and 'By Region/Country'. Below the search bar is a row of buttons for letters A through Z, with 'W' highlighted. A 'View All' button and a 'No Acronym' link are also present. The main content is a table with three columns: Search Term, Acronym, and Regulatory List or Classification Name.

Search Term	Acronym	Regulatory List or Classification Name
AREC		ACT ON THE REGISTRATION AND EVALUATION OF CHEMICALS
ACGIH	TLV	AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS THRESHOLD LIMIT VALUES
	HPV	AUSTRALIAN HIGH PRODUCTION VOLUME CHEMICALS
AICS		AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES
RSTR	NPI	AUSTRALIAN NATIONAL POLLUTANT INVENTORY
RSTR	PECS	AUSTRALIAN PRIORITY EXISTING CHEMICALS
STATE	PROP65	CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS
DSL		CANADIAN DOMESTIC SUBSTANCES LIST
RSTR		CANADIAN LIST OF TOXIC SUBSTANCES
RSTR	NPRI	CANADIAN NATIONAL POLLUTANT RELEASE INVENTORY
NDSL		CANADIAN NON-DOMESTIC SUBSTANCES LIST
		CANADIAN PRIORITY SUBSTANCE LIST



Examples



Determine whether regulatory requirements affect the places you can ship your product

Details by Country/International & Other Lists	
Harmonized Tariff Code	
Harmonized Tariff Code: 290899	
▼ Australia	
▼ Canada	
▼ China	
▼ Egypt	
▼ European Communities/European Union	
▲ India	
Summary	
Restricted Chemical List	
INDIA: List of Hazardous Chemicals, 2000	
▼ Indonesia	
▼ International & Other Lists	

My product contains picric acid. Can I ship to India?



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Validate a new substance being developed is permitted for export

Substance Substance is a component

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

AND Substance is a component

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

AND Substance is a component

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

[+ Add Search Criteria](#)

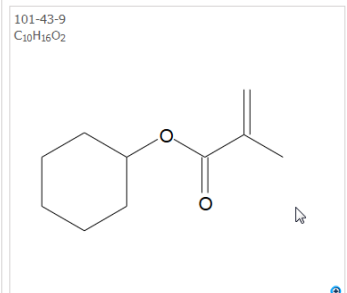
Results (1 to 1 of 1 displayed)

Select All 0 of 1 Selected Sort By: Relevance

1. **CAS Registry Number:** 1037563-23-7
Formula: (C₁₀H₁₆O₂.C₇H₁₂O₄.C₆H₁₀O₂)_x
Inventory Names & Synonyms:
Poly[(cyclohexan-1-yl methacrylate)-co-(2,3-dihydroxypropan-1-yl methacrylate)-co-(2-hydroxyethyl methacrylate)] (ENCS)
2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate and 2-hydroxyethyl 2-methyl-2-propenoate
Cyclohexyl methacrylate-2,3-dihydroxypropyl methacrylate-2-hydroxyethyl methacrylate copolymer

Regulatory Lists: ENCS [View Glossary](#)
Confidential Business Information: Public

101-43-9
C₁₀H₁₆O₂



The image shows a chemical structure of cyclohexyl methacrylate, which consists of a cyclohexane ring attached to a methacrylate group. The methacrylate group is shown as a carbonyl group (C=O) bonded to a methylene group (CH₂) which is also bonded to a methyl group (CH₃).

We want to sell our new product in Japan. It looks like our polymer is already listed on the Japanese inventory.

Investigate whether components in your company's formulations meet compliance requirements

Substance Substance is a component [?](#)

Enter One: CAS Registry Number, Chemical Name, Molecular Formula, Regulatory List Identifier, or Substance / UVCB Description.

[+ Add Search Criteria](#)

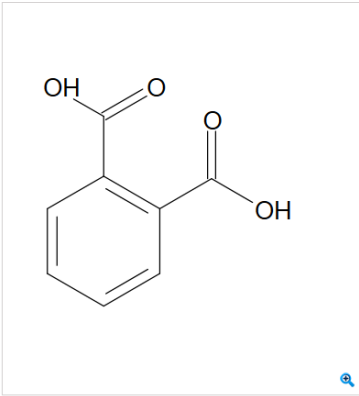
Results (1 to 50 of 488 displayed)

Select All 0 of 488 Selected Sort By:

1. CAS Registry Number: 88-99-3
Formula: C₈H₆O₄
Inventory Names & Synonyms:
1,2-Benzenedicarboxylic acid (AICS,DSL,ECL,INSQ,NZIoC,PICCS,SWISS,TSCA)
o-Phthalic acid (IECSC)
Acide phtalique (French)(DSL,EINECS)
phthalic acid (EINECS,PICCS,REACH)
Phthalsaure (German)(EINECS)
acido ftalico (Spanish)(EINECS)
Orthophthalic acid (ENCS)
PHTHALSAEURE (German)(SWISS)
Acido 1,2-benzenodicarboxilico (Spanish)(INSQ)
M 2
[View all 21](#)

Regulatory Lists: AICS, DSL, ECL, EINECS, ENCS, FDA, HTC, IECSC, INSQ, NZIoC, PICCS, REACH, SWISS, TSCA [View Glossary](#)

Confidential Business Information: Public



Phthalic acid is under review in some countries...

My company's polymer contains phthalic acid...

Do we need to consider a reformulation?

Learn more about NCI Global

- E-mail: help@cas.org
- Phone & Fax
 - 800-753-4227 (North America)
 - 614-447-3700 (Worldwide)
 - 614-447-3751 (Fax)

