

# Chemical Risk Information Platform (NITE-CHRIP)



## Chemical Risk Information Platform (NITE-CHRIP)

NITE-CHRIP is a portal site available free of charge for searching information on Japan and Other countries' laws and regulations, and toxicity information on chemical substances.

- Highly reliable regulatory information on chemical substances published by national and/or international authorities is posted.
- Information is updated every two months. Regular investigation and updates are performed promptly in response to additions or other amendments related to the regulated substances.
- Information on about 250,000 substances can be searched for with CAS number, MITI number, name etc.
- A specific search with certain conditions including a forward search with a wild card, NOT search and OR search is also available.
- An overview of the respective regulations is also posted.
- The language of the site can be switched (between Japanese and English) on the search result page or list page.

[http://www.nite.go.jp/en/chem/chrip/chrip\\_search/systemTop](http://www.nite.go.jp/en/chem/chrip/chrip_search/systemTop)

# Search function of NITE-CHRIP

## Search menu (top page)

Total Search System for Chemical Substances

The current 0 users have been using this site.

**Total Search**

You can search the comprehensive information on a target chemical substance (information on hazardous property/hazard assessments or regulations, etc.) by entering its number or name as a keyword.

You can search it by using the following item as a keyword.

- CHRIP ID
- Chemical Substance Name
- CAS No.
- MITI No.
- ISHL No.
- EC No.
- UN NO.

**Lists**

The controlled chemical substances by each law or the assessed substances by each organization, etc. will be displayed in an individual list. Specifying a substance on a list, you can also see comprehensive information (contains information on hazard assessments or regulations, etc.).

General Search/Search Options

Select either "Total Search" or "Lists"

Selecting List

Three methods of searching are selectable as follows:

- **General Search**: Simplified search by using the number or name of a substance.
- **Search Options**: Specific search with a keyword including a wild card, structural formula or molecular formula.
- **Selecting List**: Displays a list of substances by each information source.

## General Search

**Keyword** A substance can be searched for with the numbers (CAS Number, MITI Number, ISHL Number, EC Number, UN number, CHRIP ID and Nikkaji Number) or the name of a chemical substance.

General Search Search Options

<Keyword>

Search by Number  CAS No.

Search by Name (Multiple keywords separated by a space)  All Partial Match

Search by Molecular Formula  Exact Match

<Display Setting>

Interim Search Results

Display of Structures No

Display 100 results

Search Results Display

☐ Including blank data. ☒ Excluding blank data.

Search

## Search by category

This menu is used to filter by information source by entering a check in a check box.

If you input your keyword in the <Keyword> field and enter a check in the <Search by category>, then any substance which satisfies both conditions will be searched for. If you enter checks in more than one information source, substances which fall under either of the information sources will be searched for.

<Search by category>

Close All Open All Check All Uncheck All

General Information

Laws and Regulations in Japan

☐ Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Chemical Substances Control Law ; CSCL)

☒ CSCL: Class I Specified Chemical Substances

☐ CSCL: Class II Specified Chemical Substances

☐ CSCL: Monitoring Chemical Substances

☐ CSCL: Priority Assessment Chemical Substances

☐ CSCL: Newly Announced Chemical Substances

The search result can be downloaded. Additional list items can be displayed.

Interim Search Results (Decree number etc based)

Downloading the search results

Add list items

100 results / page

No.	CHRIP ID	CAS No.	Chemical Substance Name
1	C004-662-44A	50-29-3	1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane
2	C004-778-32A	56-35-9	1,1,1,3,3,3-Hexabutyristannoxane
3	C004-727-35A	57-74-9	1,3,4,7,8,9,10,10-Octachlorobicyclo[5.2.1.0(2,6)]dec-8-ene
4	C004-664-37A	58-89-9	1,1,2,2,4,4,5,5,6,6-Hexachlorocyclohexane

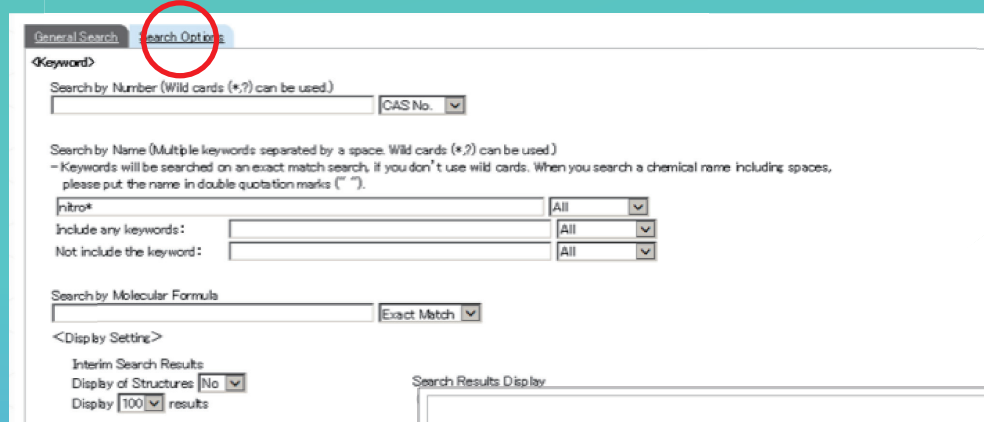
## Search Options

### Keyword search

In keyword search in Search Options, you can use a wild card (\*, ?) to search by number or name. By using a wild card, various searches are available such as a forward search and backward search.

If you do not use a wild card, the search will be an exact match search.

If you search with a name including a space, input the name by putting double quotation marks at the beginning and the end of the name.



Search Results Display

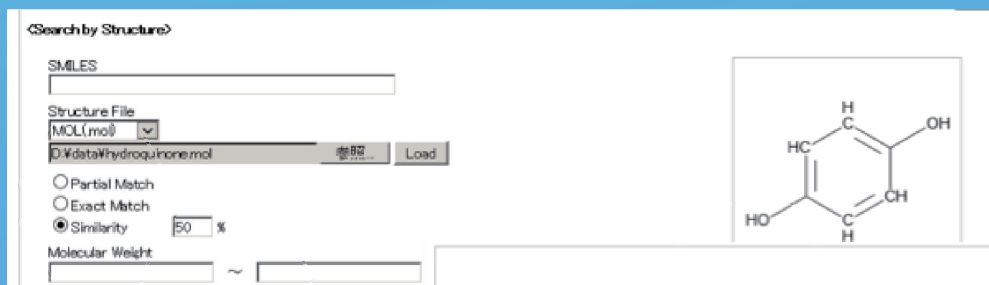
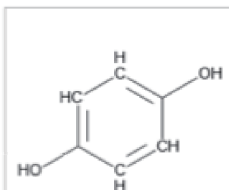
Download the search results [Add list items](#)

<<Previous Page 1-100 / 341 Next Page>> 100 results / page

No.	CHIRP_ID	CAS No.	Chemical Substance Name
1	C006-346-11A	51-75-2	Nitrogen mustard
2	C006-388-40A	54-87-5	Nitrofurantoin sodium salt
3	C004-677-58A	55-83-0	Nitroglycerin
4	C006-938-65A	55-86-7	Nitrobenzyl alcohol
5	C006-371-87A	59-87-0	Nitrofurantoin

### Search by structural formula

You can use SMILES or a structure file (MOL format) for the search. Partial match, Exact match or Similarity can be selected. Search with molecular weight is also available.

Download the search results [Add list items](#)

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No.	CHIRP_ID	CAS No.	Chemical Substance Name	Structure
1	C004-737-72A	106-48-9	Phenol, 4-chloro-	
2	C005-421-81A	123-08-0	p-Hydroxybenzaldehyde	
3	C005-219-42A	123-30-8	4-Aminophenol	
4	C004-675-54A	123-31-9	Hydroquinone	

## Selecting List

Click the name of the list you want to display.

Click the name of list you would like to see

Laws and Regulations in Japan	
Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Chemical Substances Control Law; CSDL)	
Source of Information	Data Description
CSDL: Class I Specified Chemical Substances	Data Description
CSDL: Class II Specified Chemical Substances	Data Description
CSDL: Monitoring Chemical Substances	Data Description
CSDL: Priority Assessment Chemical Substances	Data Description
CSDL: Newly Announced Chemical Substances	Data Description
CSDL: Existing Chemical Substances	Data Description
CSDL: Type II Monitoring Chemical Substances (before amendment)	Data Description

## Information shown

General Information	CHIRP ID, CAS number
	Chemical Substance Name, Synonym
	Molecular formula, Molecular weight, Structure
	Information of Japan Chemical Substance Dictionary (Nikkaji)
Laws and Regulations in Japan	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Chemical Substances Control Law ; CACL)
	Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof
	Industrial Safety and Health Act (ISHA)
	Poisonous and Deleterious Substances Control Act
	Act on the Prohibition of Chemical Weapons and the Control, etc. of Specific Chemicals (Chemical Weapons Prohibition Law)
	Act on the Protection of the Ozone Layer through the Control of Specified Substances and Other Measures
	Air Pollution Control Law
	Water Pollution Control Law
	Soil Contamination Countermeasures Act
Laws and Regulations in Other countries	Law for the Control of Household Products Containing Harmful Substances
	UN Number and UN Hazard Class
	Stockholm Convention on Persistent Organic Pollutants (POPs)
	Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade (PIC)
	The ASEAN-Japan Chemical Safety Database (AJCSD): Laws and Regulations
	EC Inventory/REACH: Substances of Very High Concern for Authorization (SVHC)
	TSCA: Inventory / Significant New Use Rule (SNUR) / Regulation of hazardous chemical substances and mixtures
	China: Catalogue of Hazardous Chemicals (2015)
	Korea: Act on the Registration and Evaluation, etc. of Chemical Substances (ARECs)/Chemicals Control Act (CCA)
Chemical Hazard and Risk Information	GHS Classification Results by the Japanese Government/AJCSD:GHS Classification Results
	Chemical Substances Hazard Assessment Report / Initial Risk Assessment Report
	Hazard Data Sheet for Chemical Substances
	CACL: The Japan HPV Challenge Program
	OECD: High Production Volume (HPV) Chemicals
	International Chemical Safety Cards (ICSC)
	Concise International Chemical Assessment Documents (CICADs)
	Environmental Health Criteria (EHC)
	US Agency for Toxic Substances and Disease Registry (ATSDR): Toxicological Profiles
	US EPA: Integrated Risk Information System (IRIS)
	EU: Risk Assessment Reports (RAR)
	Advisory Committee on Existing Chemicals (BUA) Reports by the German Chemical Society
	Canada: Priority Substances List (PSL)
	Australia: Priority Existing Chemicals (PEC) Assessment Reports
	Japan Society for Occupational Health (JSOH): Occupational Exposure Limits / Occupational Exposure Limits Based on Biological Monitoring / Occupational Carcinogens / Occupational Sensitizers / Reproductive Toxicants
	IARC: Carcinogenicity Assessment
	US EPA: Carcinogenicity Assessment
	US NTP: Carcinogenicity Assessment
	EU: Carcinogenicity Assessment
Test Data and Reports	Japan METI: Biodegradation and Bioconcentration Results
	Japan MHLW: Toxicity Test Results
	Japan MOE: Results of Eco-toxicity tests of chemicals
	ISHA: Mutagenicity Test Results for Chemical Substances
	Japan METI: Safety Test
	NITE: Toxicity and Eco-toxicity Test Results
	US National Toxicology Program (NTP) : Long-Term Study Reports & Abstracts

### Contact for matters related to this leaflet

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