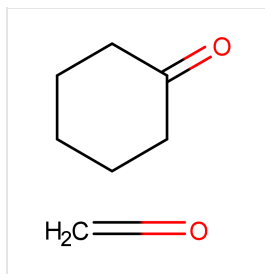


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## Formaldehyde, polymer with cyclohexanone (CAS No. 25054-06-2) SDS

CAS No: [25054-06-2](#)

Molecular Weight: 128.17

Molecular Formula: C<sup>7</sup>H<sup>12</sup>O<sup>2</sup>
[Names and Identifiers](#)
[Properties](#)
[Safety and Handling](#)
[Computational chemical data](#)
[21 Suppliers](#)

### SDS

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### SAFETY DATA SHEETS

According to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) - Sixth revised edition

Version: 1.0

Creation Date: Aug 13, 2017

Revision Date: Aug 13, 2017

#### 1. Identification

##### 1.1 GHS Product identifier

Product name Cyclohexanone - formaldehyde (1:1)

##### 1.2 Other means of identification

Product number -

### Recommended Suppliers

#### Factory sales to improve ink paint

Shandong Shengma Biology Technology Co.,



FOB Price:18000 RMB/metric ton

Min.Order:1 Metric Ton

Purity:99%

Supply Ability:1000 Year/Metric Ton

Formula:C7H12O2

Payment:L/C,T/T,

Einecs:607-515-5

[more +](#)

#### Aldehyde ketone resin

Changsha Creature Industry Co.,Ltd



Min.Order:1 Metric Ton

Purity:100%

Supply Ability:Metric Day/Ton

Formula:C7H12O2

Appearance:light white grain or block [more +](#)
**MR 85D**

**Other names** -

### 1.3 Recommended use of the chemical and restrictions on use

**Identified uses** For industry use only.  
**Uses advised against** no data available

### 1.4 Supplier's details

**Company**  
**Address**  
**Telephone**  
**Fax**

### 1.5 Emergency phone number

**Emergency phone number** -  
**Service hours** Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

## 2. Hazard identification

### 2.1 Classification of the substance or mixture

no data available

### 2.2 GHS label elements, including precautionary statements

**Pictogram(s)** no data available  
**Signal word** no data available  
**Hazard statement(s)** no data available  
**Precautionary statement(s)**  
**Prevention** no data available  
**Response** no data available  
**Storage** no data available  
**Disposal** no data available

### 2.3 Other hazards which do not result in classification

no data available

## 3. Composition/information on ingredients

### 3.1 Substances

Chemical name	Common names and synonyms	CAS number	EC number	Concentration
Cyclohexanone - formaldehyde (1:1)	Cyclohexanone - formaldehyde (1:1)	25054-06-2	none	100%

## 4. First-aid measures

### 4.1 Description of necessary first-aid measures

**General advice**

Chungking Joyinchem Co., Ltd.



Purity:99%

Formula:C7H12O2

Appearance:Details see specification [more +](#)

### TIANFU-CHEM Formaldehyde, polymer

Antimex Chemical Limied



Purity:99%

Formula:C7H12O2

Appearance:white powder [more +](#)

### MR 85D

Shenyang Yuanmei Chemcial co.Ltd.



Formula:C7H12O2

Einecs:607-515-5 [more +](#)

### MR 85D

shenyang jinyirong chemical Co.,Ltd



Formula:C7H12O2

Einecs:607-515-5 [more +](#)

### MR 85D

M/S Saraf Resin & Chemicals Pvt. Ltd.



Formula:C7H12O2

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms/effects, acute and delayed**

no data available

**4.3 Indication of immediate medical attention and special treatment needed, if necessary**

no data available

---

**5. Fire-fighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Specific hazards arising from the chemical**

no data available

**5.3 Special protective actions for fire-fighters**

Wear self-contained breathing apparatus for firefighting if necessary.

---

**6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Einecs:607-515-5

[more +](#)

---

**MR 85D**

Garg Chemical Industries



Formula:C7H12O2

Einecs:607-515-5

[more +](#)

## 6.3

### Methods and materials for containment and cleaning up

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

---

## 7. Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

---

## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure limit values

no data available

#### Biological limit values

no data available

### 8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Respiratory protection

Wear dust mask when handling large quantities.

#### Thermal hazards

no data available

---

**9. Physical and chemical properties**

Physical state	no data available
Colour	no data available
Odour	no data available
Melting point/ freezing point	no data available
Boiling point or initial boiling point and boiling range	155.7°C at 760mmHg
Flammability	no data available
Lower and upper explosion limit / flammability limit	no data available
Flash point	46.7°C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	no data available
Solubility	no data available
Partition coefficient n-octanol/water (log value)	no data available
Vapour pressure	no data available
Density and/or relative density	no data available
Relative vapour density	no data available
Particle characteristics	no data available

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**10. Stability and reactivity****10.1 Reactivity**

no data available

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

no data available

**10.6 Hazardous decomposition products**

no data available

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**11. Toxicological information****Acute toxicity**

Oral: no data available

Inhalation: no data available

Dermal: no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**STOT-single exposure**

no data available

**STOT-repeated exposure**

no data available

**Aspiration hazard**

no data available

---

**12. Ecological information**

**12.1 Toxicity**

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Other adverse effects**

no data available

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**13. Disposal considerations****13.1 Disposal methods****Product**

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

**Contaminated packaging**

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

---

**14. Transport information****14.1 UN Number**

ADR/RID: no data available

IMDG: no data available

IATA: no data available

**14.2 UN Proper Shipping Name**

ADR/RID: no data available

IMDG: no data available

IATA: no data available

**14.3 Transport hazard class(es)**

ADR/RID: no data available

IMDG: no data available

IATA: no data available

**14.4 Packing group, if applicable**

ADR/RID: no data available

IMDG: no data available

IATA: no data available

**14.5 Environmental hazards**

ADR/RID: no

IMDG: no

IATA: no

**14.6 Special precautions for user**

no data available

## 14.7

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

no data available

**15. Regulatory information****15.1 Safety, health and environmental regulations specific for the product in question**

Chemical name	Common names and synonyms	CAS number	EC number
Cyclohexanone - formaldehyde (1:1)	Cyclohexanone - formaldehyde (1:1)	25054-06-2	none
<b>European Inventory of Existing Commercial Chemical Substances (EINECS)</b>			Not Listed.
<b>EC Inventory</b>			Not Listed.
<b>United States Toxic Substances Control Act (TSCA) Inventory</b>			Listed.
<b>China Catalog of Hazardous chemicals 2015</b>			Not Listed.
<b>New Zealand Inventory of Chemicals (NZIoC)</b>			Listed.
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>			Listed.
<b>Vietnam National Chemical Inventory</b>			Listed.
<b>Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)</b>			Listed.

**16. Other information****Information on revision**

**Creation Date** Aug 13, 2017  
**Revision Date** Aug 13, 2017

**Abbreviations and acronyms**

CAS: Chemical Abstracts Service

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation concerning the International Carriage of Dangerous Goods by Rail

IMDG: International Maritime Dangerous Goods

IATA: International Air Transportation Association

TWA: Time Weighted Average

STEL: Short term exposure limit

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

EC50: Effective Concentration 50%

**References**



IPCS - The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>

HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>

IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>

eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: [http://www.echemportal.org/echemportal/index?pageID=0&request\\_locale=en](http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en)

CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>

ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>

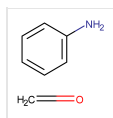
ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: <http://www.phmsa.dot.gov/hazmat/library/erg>

Germany GESTIS-database on hazard substance, website: <http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp>

ECHA - European Chemicals Agency, website: <https://echa.europa.eu/>

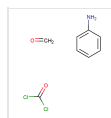
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## Related Products' MSDS



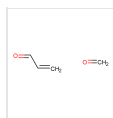
cas:25214-70-4 msds

Formaldehyde, polymer with benzenamine



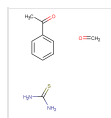
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MDIPOLYMER



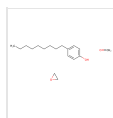
cas:26781-23-7 msds

formaldehyde



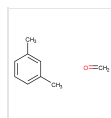
cas:68527-49-1 msds

Thiourea, polymer with formaldehyde and 1-



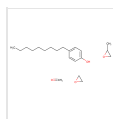
cas:30846-35-6 msds

FORMALDEHYDE, POLYMER WITH 4-



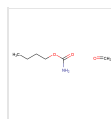
cas:26139-75-3 msds

Formaldehyde, polymer with 1,3-dimethylbenzene



cas:63428-92-2 msds

Formaldehyde, polymer with methyloxirane, 4-



cas:26935-10-4 msds

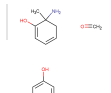
Carbamic acid, butylester, polymer with formaldehyde



cas:55185-45-0 msds



cas:25153-36-0 msds




Formaldehyde, polymer with ammonia, 2-



Furan Resin (II)

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