

RORYCHEMICAL Ltd

**MSDS**

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**1 Chemicals and Enterprise Identification**

**1.1 Product Identifier**

Common names or trade names of chemicals: **N-Methylformanilide**

CAS No.: 93-61-8

Alias: N-methyl-N-formyl , N-formyl-N-methyl aniline

N-Formyl-N-methylaniline N-Methyl-N-phenylformamide

Brand: RORYCHEMICAL

**1.2 Other methods of identification**

No data

**1.3 Uses of identified substances or mixtures and recommended unsuitable uses**

N/A

**1.4 Details of the Provider of Safety Technical Instructions**

Company Information: Room 1205, No. 1, 3040 Pudong Avenue,  
RORYCHEMICAL LTD.

China

Telephone number: 021-50702305

**1.5 Enterprise Emergency Telephone**

Emergency telephone number: 13701863355

**2 Risk overview**

**2.1 GHS Classification**

No data



## 2.2 GHS marker elements, including preventive statements

Hazard Type Pictogram

GHS07: exclamation mark;

Signal word [warning]

### Declaration of danger

H302 is harmful to health if swallowed.

H317 may cause skin allergies.

H319 causes severe eye inflammation.

### Warning statement

P280 wears protective gloves/protective clothing/eye protection/protective mask.

If P305 + P351 + P338 enters the eye, wash it carefully with water for a few minutes. If you can, remove the invisible eye

### RS

Hazard symbol (s) Xi

R-phrase (s) R22; R43

S-phrase (s) S36/37

## 2.3 Other hazards- no

## 3 Composition/Composition Information

### Substance 3.1

Molecular formula: C<sub>8</sub>H<sub>9</sub>NO; HCON (CH<sub>3</sub>) C<sub>6</sub>H<sub>5</sub>

Molecular weight: 135.16 g/mol

Composition (single substance)	concentration
N-Methylformanilide	
N-Methylformanilide	
CAS No. 93-61-8 EC-No. 202-262-3	99%

## 4 First aid measures

### 4.1 Description of necessary first aid measures

### **General recommendations**

Consult a doctor. Show the safety instructions to the doctor at the scene.

#### **If inhaled**

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

#### **In case of skin contact**

Rinse with soap and plenty of water. Consult a doctor.

#### **In case of eye contact**

No data

#### **If mislabeled**

Use water mist, anti alcohol foam, dry powder or carbon dioxide to extinguish fire.

### **4.2 The most important symptoms and effects, acute and delayed**

The main symptoms and effects, acute and delayed effects, as far as we know, have not been fully studied in terms of chemical, physical and toxic properties.

### **4.3 Instructions and instructions for timely medical treatment and special treatment required**

Wear self-contained breathing apparatus to fight fires if necessary.

## **5 Fire protection measures**

### **5.1 Fire Extinguishing Medium**

Fire characteristics without data

Fire extinguishing methods and fire extinguishing agents carbon oxides and nitrogen oxides

### **5.2 Special hazards arising from this substance or mixture**

Use personal protective equipment. Avoid inhaling steam, smoke or gas. Ensure adequate ventilation.

### **5.3 Prevention of firefighters**

No data

### **5.4 Further information**

No data

## **6 Emergency response to leakage**

### **6.1 Personnel Prevention, Protection Equipment and Emergency Procedure**

It is absorbed by inert adsorbent and treated as hazardous waste. Put it in a properly sealed container for disposal.

### **6.2 Environmental precautions**

Disposal according to environmental protection

### 6.3 Methods and Materials for Suppressing and Removing Spills

Avoid contact with skin and eyes. Avoid inhaling steam and smoke. General fire protection measures.

### 6.4 Reference to other parts

Store in a cool place. Keep the container airtight and store in a dry and ventilated place. Opened containers must be carefully re-sealed and kept upright to prevent leakage.

## 7 Safe operation and storage

### 7.1 Cautions for Safe Operation

No data

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

No data

### 7.3 Specific use

Operate according to good industrial hygiene and safety standards. Wash your hands before and after work.

## 8 Contact control/personal protection

### 8.1 Control parameters

Maximum permissible concentration

component	CAS No.	value	Control parameter	benchmark
N-Methylformanilide N-Methylformanilide	93-61-8	PC-TWA	Masks and safety glasses should be used according to official standards such as NIOSH (USA) or EN166 (Europe). The Eye Protection Equipment is tested and approved.	Weighted Average Permissible Concentration of Workplace Time in the National Standard of Occupational Contact Limits for Hazardous Factors in the Workplace
		No data	No data	No data

## 8.2 Exposure control

### Appropriate technical control

The type of protective equipment must be selected according to the concentration and quantity of dangerous substances in a specific workplace.

### Habeas corpus equipment

Gloves must be checked before they are used. Remove gloves (do not touch the outside surface of gloves) in an appropriate way to avoid any skin.

Skin contact with this product. After use, please handle contaminated gloves carefully according to relevant laws and regulations and effective laboratory rules and procedures. Clean and blow dry your hands.

### Body protection

No data

### respiratory system protection

If the hazard assessment indicates that the use of air-purified gas masks is required, please use the full-face multi-function gas masks (US) or ABEK type.

(EN14387) Gas mask barrel as an alternative to engineering control. If gas masks are the only way to protect, then use a full-face air supply gas mask. Respirators use breathers and parts that have been tested and passed government standards such as NIOSH (US) or CEN (EU).

## 9 Physicochemical properties

### 9.1 Information on Basic Physical and Chemical Properties

- (a) Appearance and shape: brown liquid
- B) odor without data
- C) odor threshold without data
- D) pH without data
- E) Melting point/solidification point 13 degree C
- F) Initial Boiling Point and Boiling Range 243 degrees C
- G) Flash point 127 degrees C
- H) Evaporation rate without data
- I) Flammability (solid, gas) without data
- J) High/Low Combustibility or Explosiveness Limits without Data
- K) Vapor pressure without data
- L) Relative vapor density without data
- M) Relative density without data
- N) Solubility/water solubility without data
- O) The logarithmic values of octanol/water partition coefficients have no data.

P) Spontaneous ignition temperature (~C/~F) without data

Q) decomposition temperature without data

R) Viscosity without data

## **10 Stability and reactivity**

### **10.1 Reactivity**

No data

### **10.2 chemical stability**

Oxidant

### **10.3 Sensitivity (the likelihood of a dangerous reaction)**

No data

### **10.4 Conditions for avoiding contact**

No data

### **10.5 Incompatible materials**

Inhalation may be harmful. It may cause respiratory irritation.

### **10.6 Dangerous decomposition products**

Misswallowing is harmful to human body.

## **11 Toxicological data**

### **11.1 Information**

#### **Acute Toxicity of Toxicological Effects**

No data

#### **Subacute toxicity**

No data

#### **Stimulation (summary)**

No data

#### **Skin corrosion/irritation**

No data

#### **Severe eye injury/eye irritation**

No data

#### **Respiratory or skin allergies**

Absorption through the skin may be harmful. It may cause skin irritation.

**Germ cell  
mutagenesi**

sCarcinogen  
icity without  
data

IARC: No component in this product with a content greater than or equal to 0.1% has been identified as a possible or affirmative human carcinogen by IARC.

**Reproductive toxicity**

No data

**Specific target organ systemic  
toxicity (one contact)**Chemicals

Toxicity Registration: No Data

Specific Target Organ Systemic  
Toxicity (Recurrent Contact) No  
Data

**Potential health effects**

Inhalation causes eye irritation.

No data were swallowed.

Skin has no data

Eyes may cause skin allergic reactions.

**Signs and symptoms after exposure**

As far as we know, the chemical, physical and toxic properties have not been fully studied.

**Additional description**

No data

**12 Ecology data**

**12.1 Toxicity**

No data

**12.2 Persistence and degradation**

No data

**13 - DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations.

## **14 - TRANSPORT INFORMATION**

IATA

Not regulated as a hazardous material.

IMO

Not regulated as a hazardous material.

RID/ADR

Not regulated as a hazardous material.

International Maritime Dangerous Regulations: Non-Dangerous Goods

## **15 - REGULATORY INFORMATION**

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 93-61-8: No information available.

Canada

CAS# 93-61-8 is listed on Canada's DSL List.

CAS# 93-61-8 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 93-61-8 is listed on the TSCA inventory.

## **16 - ADDITIONAL INFORMATION**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users



should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.