

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 5 Jan 2023

Print date: 9 Jan 2023

Version: 2.0



## WF-7742

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name/designation:

WF-7742

Other means of identification:

SDS-4158

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

No data available

#### 1.3. Details of the supplier of the safety data sheet

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Indium Corporation of America**

Americas  
34 Robinson Road  
13323 Clinton, NY  
United States

**Telephone:** (315) 853-4900

**Telefax:** (315) 853-1000

**E-mail:** EHS\_Compliance@indium.com

**Website:** <https://www.indium.com>

**Importer/Only Representative:**

**Indium Corporation (Suzhou) Co., LTD**

People's Republic of China Facility  
Unit No. 14C, Suchun Industrial Square, No. 428  
Xinglong Street  
215126 Suzhou Industrial Park, Jiangsu  
China

**Telephone:** +86 (0) 512 628 34900

**Telefax:** +86 (0) 512 628 34911

**E-mail:** china@indium.com

**E-mail (competent person):** EHS\_Compliance@indium.com

CHEMTREC 24 hrs

#### 1.4. Emergency telephone number

Romania, 24h: 40-37-6300026

Poland, 24h: 48-223988029

Italy, 24h: 800-789-767

Portugal, 24h: 351-308801773

Hungary, 24h: 36-18088425

Germany, 24h: 0800-181-7059 or (Frankfurt) 49-69643508409

United Kingdom, 24h: 44-870-8200418 and 44-2038073798

Outside USA:, 24h: +1 (703) 527-3887

France, 24h: 33-975181407

USA, 24h: 1 (800) 424-9300

China, 24h: +86 4001-204937

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (Eye Irrit. 2)	H319: Causes serious eye irritation.	

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### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



**GHS07**

Exclamation mark

Signal word: Warning

#### Hazard statements for health hazards

H319	Causes serious eye irritation.
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#### Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
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P280	Wear protective gloves/protective clothing and eye/face protection.
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#### Precautionary statements Response

P301 + P312	IF SWALLOWED: Call a doctor if you feel unwell.
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P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
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P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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P362 + P364	Take off contaminated clothing and wash it before reuse.
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#### Special rules for supplemental label elements for certain mixtures:

1.1 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

1.1 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

7.1 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 7732-18-5 EC No.: 231-791-2	<b>water</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	50 - < 90 weight-%
CAS No.: 9038-95-3	<b>Polyglycol Ether</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	5 - ≤ 10 weight-%
CAS No.: 68603-87-2 EC No.: 271-678-5	<b>Carboxylic acids, di-, C4-6</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	2 - ≤ 4 weight-%
CAS No.: 68603-25-8 EC No.: 614-633-0	<b>Alcohol, C6-C12</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	1 - < 3 weight-%

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing.

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If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

### **Following inhalation:**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

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

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

### **After eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

### **Following ingestion:**

Rinse mouth. Let 1 glass of water be drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

### **Self-protection of the first aider:**

Use personal protection equipment.

## **4.2. Most important symptoms and effects, both acute and delayed**

Serious eye damage/eye irritation

## **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media:**

Water spray jet alcohol resistant foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>)

### **5.2. Special hazards arising from the substance or mixture**

Combustible

#### **Hazardous combustion products:**

In case of fire: Gases/vapours, toxic

### **5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

### **5.4. Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **6.1.1. For non-emergency personnel**

##### **Personal precautions:**

Remove persons to safety.

##### **Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

#### **6.1.2. For emergency responders**

##### **Personal protection equipment:**

Personal protection equipment: see section 8

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

### **6.3. Methods and material for containment and cleaning up**

#### **For containment:**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

### **6.4. Reference to other sections**

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

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### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

Keep container tightly closed. Clear spills immediately. Wash hands thoroughly after handling. Provide adequate ventilation as well as local exhaust at critical locations. Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

Take precautionary measures against static discharge. Keep away from sources of ignition - No smoking.

##### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

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

#### Technical measures and storage conditions:

Store product in tightly capped original containers in a cool, dry area. Refer to product label and product data sheet for specific storage temperature requirements. Rotate stock to ensure use before expiration date.

Keep container tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

#### Recommendation:

Soldering applications

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No data available

#### 8.2.2. Personal protection equipment

##### Eye/face protection:

Eye glasses with side protection EN 166

##### Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

##### Respiratory protection:

An approved or EU compliant CE marked air-purifying respirator with a fume/organic chemical cartridge is recommended under certain circumstances where airborne concentrations are expected to be elevated.

#### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Colour:** clear

**Odour:** not determined

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### Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	<i>not determined</i>	
Melting point	<i>not determined</i>	
Freezing point	<i>not determined</i>	
Initial boiling point and boiling range	= 212 °F	
Decomposition temperature	<i>not determined</i>	
Flash point	<i>not determined</i>	
Evaporation rate	<i>not determined</i>	
Auto-ignition temperature	<i>not determined</i>	
Upper/lower flammability or explosive limits	<i>not determined</i>	
Vapour pressure	<i>not determined</i>	
Vapour density	<i>not determined</i>	
Density	<i>not determined</i>	
Relative density	<i>not determined</i>	
Bulk density	<i>not determined</i>	
Water solubility		② Soluble
Partition coefficient: n-octanol/water	<i>not determined</i>	
Dynamic viscosity	<i>not determined</i>	
Kinematic viscosity	<i>not determined</i>	

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable under storage at normal ambient temperatures. Combustible

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Stable under recommended storage and handling conditions.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Oxidising agent, strong

### 10.6. Hazardous decomposition products

The product is stable under storage at normal ambient temperatures. Gases/vapours, toxic

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

Based on available data, the classification criteria are not met.

#### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

#### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

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### Serious eye damage/irritation:

Causes serious eye irritation.

### Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

### Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

### Carcinogenicity:

Based on available data, the classification criteria are not met.

### Reproductive toxicity:

Based on available data, the classification criteria are not met.

### STOT-single exposure:

Based on available data, the classification criteria are not met.

### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

### Aspiration hazard:

Based on available data, the classification criteria are not met.

### Additional information:

No data available

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

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. Results of PBT and vPvB assessment

<b>water</b>	<b>CAS No.:</b> 7732-18-5	<b>EC No.:</b> 231-791-2
<b>Results of PBT and vPvB assessment:</b> —		
<b>Alcohol, C6-C12</b>	<b>CAS No.:</b> 68603-25-8	<b>EC No.:</b> 614-633-0
<b>Results of PBT and vPvB assessment:</b> —		
<b>Polyglycol Ether</b>	<b>CAS No.:</b> 9038-95-3	
<b>Results of PBT and vPvB assessment:</b> —		

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste treatment options

#### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

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### SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU legislation

###### Authorisations:

Contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

##### 15.1.2. National regulations

###### [DE] National regulations

###### Water hazard class

###### WGK:

3 - Severely water-hazardous

###### [US] National regulations

###### California Proposition 65 list of chemicals

Does not contain any chemicals listed under California Proposition 65 chemical list

#### 15.2. Chemical Safety Assessment

No data available

#### 15.3. Additional information

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable

### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

No data available

#### 16.3. Key literature references and sources for data

No data available

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### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available