



## SAFETY DATA SHEET

### MATERIAL IDENTIFICATION

NAME: 2-Phenylacetamide

CAS#: [103-81-1]

CAT#: 018952

For R&D use only.

### HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity, oral (Category 5)

Acute toxicity, dermal (Category 5)

Acute toxicity, inhalation (Category 5)

#### GHS Label elements, including precautionary statements

Pictograms



Signal Word

Warning

Hazard Statement(s)

H303 May be harmful if swallowed

H313 May be harmful in contact with skin

H333 May be harmful if inhaled

Precautionary Statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C<sub>8</sub>H<sub>9</sub>NO

Molecular Weight : 135.17

CAS	Description	Concentration
103-81-1	2-Phenylacetamide	99%

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## FIRST AID MEASURES

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

Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.

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

Wash thoroughly with soap and plenty of water. Seek medical attention.

### **If inhaled**

Remove victim from source of exposure to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

### **If swallowed**

Do not induce vomiting. Give water to victim to drink. Seek medical attention.

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## FIRE-FIGHTING MEASURES

### **Suitable extinguishing media**

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

### **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### **Unusual fire and explosion hazards/decomposition of product**

emits toxic fumes under fire conditions.

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## ACCIDENTAL RELEASE MEASURES

### **Personal precautions**

Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area. Remove all sources of ignition. Evacuate personnel.

### **Environmental precautions**

Prevent further leakage if safe to do so.

### **Methods and materials for containment and clean up**

Absorb spills on sand or vermiculite and place in closed container for disposal.

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## HANDLING AND STORAGE

### **Precautions for safe handling**

Avoid prolonged use. Avoid all direct contact with material. Do not breathe dust or vapor. Wash thoroughly after handling.

### **Precautions for safe storage**

Keep container tightly closed. Store in a cool, dry, well-ventilated area.

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## EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### Personal protective equipment

#### Eye/face protection

Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

#### Hand/skin protection

Avoid all direct contact with product.

Wear chemical-resistant gloves.

Wear protective clothing and boots.

After contact with skin, wash immediately.

#### Respiratory protection

Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

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## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	fluffy off-white solid
Odour	no dataavailable
Odour Threshold	no dataavailable
Melting point/Freezing Point	156°C
Boiling Point	no dataavailable
Flash Point	no dataavailable
Evaporation Rate	no dataavailable
Flammability (solid, gas)	no data available
Upper/Lower Flammability or Explosive limits	no data available
Vapour pressure	no dataavailable
Relative Density	no dataavailable
Solubility(ies)	no dataavailable
Partition coefficient: n-octanol/water	no dataavailable
Auto-ignition temperature	no dataavailable
Decomposition temperature	no dataavailable
Viscosity	no dataavailable
Refractive Index	no dataavailable

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## STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

no data available

### Conditions to avoid

no data available

**Incompatible materials**

Strong oxidizing agents, strong acids, and strong bases.

**Hazardous decomposition products**

May evolve carbon monoxide, carbon dioxide, and nitrogen oxides.

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**TOXICOLOGICAL INFORMATION****Acute toxicity**

no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye 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

**Exposure Routes**

Irritating to skin, eyes, and respiratory system.

May have harmful effects if inhaled or swallowed.

To the best of our knowledge, the health hazards of this material have not been fully investigated.

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**ECOLOGICAL INFORMATION****Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

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**DISPOSAL CONSIDERATIONS**

Dissolve in or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and local laws.

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**TRANSPORT INFORMATION****DOT**

Classed non-hazardous for shipping.

**IMDG**

Classed non-hazardous for shipping.

**IATA**

Classed non-hazardous for shipping.

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**REGULATORY INFORMATION****SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

**New Jersey Right to Know Components**

This product may contain a chemical on the New Jersey Right to Know Components List.

**CAS**

2-Phenylacetamide

103-81-1

**California Prop. 65 Components**

This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

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**OTHER INFORMATION**

Version : 1.3

Revision Date : 7/20/2018

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Aoks shall not be held liable for any damage resulting from handling or from contact with the above product.