



### **1 - Product and Company Information**

Product Name ISATOIC ANHYDRIDE, 96%

Product Number I12808

### **2 - Hazards Identification**

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Irritating to eyes. May cause sensitization by skin contact.

### **3 - Composition/Information on Ingredients**

Product Name CAS # EC no Annex I

Index Number

ISATOIC ANHYDRIDE 118-48-9 204-255-0 None

Formula C<sub>8</sub>H<sub>5</sub>NO<sub>3</sub>

Molecular Weight 163.13 AMU

Synonyms Isatoic acid anhydride \* Isatoic anhydride

### **4 - First Aid Measures**

AFTER INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and copious amounts of water.

AFTER EYE CONTACT

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### **5 - Fire Fighting Measures**

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

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

#### **6 - Accidental Release Measures**

##### PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

##### METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

#### **7 - Handling and Storage**

##### HANDLING

Directions for Safe Handling: Do not breathe dust. Do not get in eyes, on skin, on clothing.

##### STORAGE

Conditions of Storage: Keep tightly closed. Store in a cool dry place.

SPECIAL REQUIREMENTS: Moisture sensitive.

#### **8 - Exposure Controls / Personal Protection**

##### ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

##### GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Wash contaminated clothing before reuse.

##### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

Hand Protection: Rubber gloves.

Eye Protection: Chemical safety goggles.

#### **9 - Physical and Chemical Properties**

Appearance Color: Deep brown

Form: Powder

Property Value At Temperature or Pressure

pH N/A

BP/BP Range N/A

MP/MP Range 235 °C

Flash Point 308 °C Method: closed cup

Flammability N/A

Autoignition Temp N/A

Oxidizing Properties N/A

Explosive Properties N/A

Explosion Limits N/A  
Vapor Pressure N/A  
SG/Density N/A  
Partition Coefficient N/A  
Viscosity N/A  
Vapor Density 5.6 g/l  
Saturated Vapor Conc. N/A  
Evaporation Rate N/A  
Bulk Density N/A  
Decomposition Temp. N/A  
Solvent Content N/A  
Water Content N/A  
Surface Tension N/A  
Conductivity N/A  
Miscellaneous Data N/A  
Solubility N/A

## **10 - Stability and Reactivity**

### STABILITY

Conditions of Instability: May decompose on exposure to moist air or water.

Materials to Avoid: Strong oxidizing agents, Strong acids, Strong bases.

### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

## **11 - Toxicological Information**

RTECS NUMBER: DM3100000

### SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### ROUTE OF EXPOSURE

Inhalation: Material is irritating to mucous membranes and upper respiratory tract.

Multiple Routes: Causes eye and skin irritation. May be harmful by inhalation, ingestion, or skin absorption.

### CHRONIC EXPOSURE - REPRODUCTIVE HAZARD

Species: Mouse

Dose: 34800 MG/KG

Route of Application: Oral

Exposure Time: (8D MALE/21D PRE)

Result: Effects on Fertility: Female fertility index (e.g., # females pregnant per # sperm positive females; # females pregnant per # females mated ).

## **12 - Ecological Information**

No data available.

### **13 - Disposal Considerations**

#### SUBSTANCE DISPOSAL

Dissolve 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 environmental regulations.

### **14 - Transport Information**

#### RID/ADR

Non-hazardous for road transport.

#### IMDG

Non-hazardous for sea transport.

#### IATA

Non-hazardous for air transport.

### **15 - Regulatory Information**

#### CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

#### INDICATION OF DANGER: Xi

Irritant.

#### R-PHRASES: 36-43

Irritating to eyes. May cause sensitization by skin contact.

#### S-PHRASES: 24-26-37

Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves.

#### COUNTRY SPECIFIC INFORMATION

Germany

WGK: 1

ID-Number: 783

KBwS-Decision

### **16 - Other Information**

#### WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sparchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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