

Revision Date 02-Nov-2010

Revision Number 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Description:** 1-Methyl-4-iodo-1H-pyrazole  
**Cat No.** 371790000; 371790010; 371792500  
**Synonyms** None Known.

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

**Recommended Use** Laboratory chemicals  
**Uses advised against** No Information available

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

#### Company

Acros Organics BVBA  
 Janssen Pharmaceuticaaan 3a  
 2440 Geel, Belgium

**E-mail address** begel.sdsdesk@thermofisher.com

#### Emergency Telephone Number

For information in the US, call: 001-800-ACROS-01  
 For information in Europe, call: +32 14 57 52 11

Emergency Number, Europe: +32 14 57 52 99  
 Emergency Number, US: 001-201-796-7100

CHEMTREC Phone Number, US: 001-800-424-9300  
 CHEMTREC Phone Number, Europe: 001-703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### REGULATION (EC) No 1272/2008

|   |            |
|---|------------|
| Skin Corrosion / irritation                               | Category 2 |
| Serious Eye Damage/Eye Irritation                         | Category 2 |
| Specific target organ systemic toxicity (single exposure) | Category 3 |

### Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R phrases mentioned in this Section, see Section 16

**Symbol(s)** Xi - Irritant  
**R -phrase(s)** none  
**Risk Combination Phrases** R36/37/38 - Irritating to eyes, respiratory system and skin

### Label Elements

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**2. HAZARDS IDENTIFICATION**



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**Signal Word**

**Warning**

**Hazard Statements**

H315 - Causes skin irritation  
H335 - May cause respiratory irritation  
H319 - Causes serious eye irritation

**Precautionary Statements - EU (§28, 1272/2008)**

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P233 - Keep container tightly closed

**Other Hazards**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Component                                 | EC No. | Weight % | CAS-No     | Classification | GHSCLAS  | REACH Reg. No. |
|---|--------|----------|------------|----------------|--|----------------|
| 1-Methyl-4-iodo-1H-pyrazole<br>39806-90-1 |        | 97       | 39806-90-1 | Xi; R36/37/38  | STOT SE 3<br>(H335)<br>Skin Irrit. 2<br>(H315)<br>Eye Irrit. 2<br>(H319) | -              |

For the full text of the R phrases mentioned in this Section, see Section 16

**4. FIRST AID MEASURES**

Description of first aid measures

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**4. FIRST AID MEASURES**

|                           |  |
|---------------------------|--|
| <b>Eye Contact</b>        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Obtain medical attention   |
| <b>Skin Contact</b>       | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes Obtain medical attention  |
| <b>Ingestion</b>          | Clean mouth with water Get medical attention   |
| <b>Inhalation</b>         | Remove from exposure, lie down Move to fresh air If breathing is difficult, give oxygen If not breathing, give artificial respiration Obtain medical attention |
| <b>Notes to Physician</b> | Treat symptomatically  |

**5. FIRE-FIGHTING MEASURES****Extinguishing media****Suitable Extinguishing Media**Water spray Carbon dioxide (CO<sub>2</sub>) Dry chemical chemical foam**Extinguishing media which must not be used for safety reasons**

No information available.

**Special hazards arising from the substance or mixture**

Thermal decomposition can lead to release of irritating gases and vapors

**Advice for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

**Environmental precautions**

Prevent further leakage or spillage if safe to do so

**Methods and material for containment and cleaning up**

Sweep up or vacuum up spillage and collect in suitable container for disposal.

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

Avoid contact with skin and eyes Do not breathe dust Do not breathe vapors or spray mist

**Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place Keep container tightly closed Protect from light

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Specific End Uses**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parametersExposure limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

Exposure controlsEngineering Measures

Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers are close to the workstation location

Personal protective equipmentEye Protection

Goggles

Hand Protection

Protective gloves

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure

Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No information available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State

Solid

Appearance

Off-white

pH

No information available.

Boiling Point/Range

No information available.

Melting Point/Range

61 - 67°C / 141.8 - 152.6°F

Flash Point

No information available.

Autoignition Temperature

No information available.

Water Solubility

Insoluble

Molecular Formula

C4 H5 I N2

Molecular Weight

208

**10. STABILITY AND REACTIVITY**ReactivityChemical Stability

Light sensitive.

Possibility of Hazardous ReactionsHazardous Polymerization

No information available.

Hazardous Reactions .

No information available.

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**Conditions to Avoid**

Exposure to light, Incompatible products.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**Nitrogen oxides (NO<sub>x</sub>). Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen iodide.**11. TOXICOLOGICAL INFORMATION****Information on Toxicological Effects****Acute Toxicity****Product Information**

No acute toxicity information is available for this product

**Component Information****Chronic Toxicity****Carcinogenicity**

There are no known carcinogenic chemicals in this product

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.

**Reproductive Effects**

No information available.

**Developmental Effects**

No information available.

**Target Organs**

No information available.

**Other Adverse Effects**

The toxicological properties have not been fully investigated.

**Endocrine Disruptor Information**

None known

**12. ECOLOGICAL INFORMATION****Toxicity****Ecotoxicity effects**

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

**Persistence and degradability**

No information available

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available.

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Results of PBT and vPvB assessmentOther adverse effects

No information available

**13. DISPOSAL CONSIDERATIONS**Waste treatment methodsWaste from Residues / Unused Products

Dispose of in accordance with local regulations

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal

**14. TRANSPORT INFORMATION**IMDG/IMO

Not regulated

ADR

Not regulated

IATA

Not regulated

**15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixtureInternational InventoriesLegend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory Lists

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

AICS - Inventory of Chemical Substances

KECL - Existing and Evaluated Chemical Substances

Chemical Safety Assessment**16. OTHER INFORMATION**Text of R phrases mentioned in Section 2-3

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**16. OTHER INFORMATION**

R36/37/38 - Irritating to eyes, respiratory system and skin

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Revision Summary Not applicable

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Safety Data Sheet