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## SAFETY DATA SHEET

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

#### 1.1 Product identifiers

Product name : Azimsulfuron  
Product Number : A114833  
Brand : aladdin  
CAS-No. : 120162-55-2

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

Identified uses : It is only for scientific research purposes, not for medicine, family standby medicine or other purposes.

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

Company : Shanghai Aladdin Biochemical Tech Co.,Ltd  
Address : 36 Xinjinqiao Road, Shanghai  
Telephone : 400-620-6333  
Fax : no data available

#### 1.4 Emergency telephone number

Emergency Phone : 0532-83889090

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

#### 2.2 GHS Label elements, including precautionary statements

<b>Pictogram</b>	
<b>Signal word</b>	Warning
<b>Hazard statement(s)</b>	
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
<b>Precautionary statement(s)</b>	
P273	Avoid release to the environment.
P391	Collect spillage.
P501	Dispose of contents/container to an approved waste disposal plant.

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2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

**SECTION 3: Composition/information on ingredients**

3.1 Substances

Synonyms : N-(((4,6-Dimethoxy-2-pyrimidinyl)amino)carbonyl)-1-methyl-4-(2-methyl-2H-tetrazol-5-yl)-1H-pyrazole-5-sulfonamide 3-(4,6-Dimethoxypyrimidin-2-yl)-1-[2-methyl-4-(2-methyltetrazol-5-yl)pyrazol-3-yl]sulfonyl-urea  
Formula : C13H16N10O5S  
Molecular weight : 424.4  
CAS No. : 120162-55-2  
EC-NO. : no data available

Component	Classification	Concentration
Azimsulfuron	no data available	analytical standard

**SECTION 4: First aid measures**

4.1 Description of first aid measures

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of any immediate medical attention and special treatment needed

no data available

**SECTION 5: Firefighting measures**

5.1 Extinguishing media

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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**Unsuitable extinguishing media**

no data available

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

Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NOx), Sulphur oxides

**5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**5.4 Further information**

no data available

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**SECTION 6: Accidental release measures**

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

Use personal protective equipment.Avoid dust formation.Avoid breathing vapors, mist or gas.Ensure adequate ventilation.Avoid breathing dust.

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so.Do not let product enter drains.Discharge into the environment must be avoided.

**6.3 Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust.Sweep up and shovel.Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

no data available

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

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

Keep container tightly closed in a dry and well-ventilated place.Light sensitive.2-8 °C, stored away from light.

**7.3 Specific end use(s)**

no data available

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

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## 8.2 Exposure controls

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

no data available

**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

a) Appearance	form: 结晶 color: 白色
b) Odour	phenol-like
c) Odour Threshold	no data available
d) pH	7.0 at 1.05 g/l at 20 °C (68 °F) 9.0 at 6.5 g/l at 20 °C (68 °F)
e) Melting point/freezing point	170 °C (338 °F)
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	1.12 g/cm3 at 25 °C (77 °F)
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	4.43 at 25 °C (77 °F)
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties N	no data available

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t) Oxidizing properties N no data available

**9.2 Other safety information**

no data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

Stable under recommended storage conditions.

**10.2 Chemical stability**

no data available

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

Strong oxidizing agents

**10.5 Incompatible materials**

Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NOx), Sulphur oxides  
Other decomposition products

**10.6 Hazardous decomposition products**

<div>Oral LD50</div> <div>LD50 Oral - rat - &gt; 5,000 mg/kg</div> <div>Inhalation LC50</div> <div>LC50 Inhalation - ra-  
- 4 h - &gt; 5.84 mg/l</div> <div>Dermal LD50</div> <div>LD50 Dermal - rat - &gt; 2,000 mg/kg</div>

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Skin - rabbit - No skin irritation

**Skin corrosion/irritation**

Eyes - rabbit - No eye irritation

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitisation**

Genotoxicity in vitro - Ames test - Not mutagenic in Ames Test.

**Germ cell mutagenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

May be harmful if inhaled. May cause respiratory tract irritation.

**Aspiration hazard**

Toxicity to fish LC50 - Cyprinus carpio (Carp) - > 300 mg/l - 96.0 h  
<div>Toxicity to daphnia</div> <div>and other aquatic</div> <div>invertebrates</div> <div>LC50 - Daphnia - > 1.0 mg/l - 48 h</div> <div>Toxicity to algae EC50 - SELENASTRUM - 0.012 mg/l - 72 h</div>

**Additional Information**

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**SECTION 12: Ecological information**

**12.1      Toxicity**

**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**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

**12.6      Other adverse effects**

no data available

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**SECTION 13:**

**13.1      Disposal considerations**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

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**Contaminated packaging**

Dispose of as unused product.

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**SECTION 14: Transport information**

**DOT (US)**

UN number: no data available      Packing group: no data available      Class: no data available  
Proper shipping name: no data available      Reportable Quantity(RQ): no data available      Poison Inhalation Hazard: no data  
Environmental Hazards: no data available

**IMDG**

UN number: no data available      Packing group: no data available      EMS-No: no data available  
Proper shipping name: no data available

**IATA**

UN number: no data available      Packing group: no data available      Class: no data available  
Proper shipping name: no data available

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**SECTION 15: Regulatory information**

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

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**SECTION 16: Other information**

**Further information**

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