

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

SECTION 1. IDENTIFICATION

Product name : Alizarin-3-methyliminodiacetic acid

Number : 000000021543

Product Use Description : Laboratory chemicals

Manufacturer or supplier's details : Honeywell International Inc.
1953 South Harvey Street
Muskegon, MI 49442

For more information call : 1-800-368-0050
+1-231-726-3171(Monday-Friday, 9:00am-5:00pm)

In case of emergency call : **Medical: 1-800-498-5701 or +1-303-389-1414**
: **Transportation (CHEMTREC): 1-800-424-9300 or**
: **+1-703-527-3887**
:
: (24 hours/day, 7 days/week)

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Form : powder

Color : dark yellow

Odor : No data available

Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

Precautionary statements : **Prevention:**
Use personal protective equipment as required.

Hazards not otherwise : Repeated or prolonged exposure may irritate eyes, skin and

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

classified respiratory system.

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTSFormula : C₁₉H₁₅NO₈

Chemical nature : Substance

Chemical name	CAS-No.	Concentration
Alizarin Fluorine Blue (Alizarin-3-methyliminodiacetic acid; 3,4-Dihydroxyanthraquinon-2-yl-methylimino-diacetic acid)	3952-78-1	100.00 %

SECTION 4. FIRST AID MEASURES

- General advice : First aider needs to protect himself. Move out of dangerous area. Take off all contaminated clothing immediately.
- Inhalation : If breathed in, move person into fresh air. If symptoms persist, call a physician.
- Skin contact : After contact with skin, wash immediately with plenty of water. If symptoms persist, call a physician.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. Protect unharmed eye. Remove contact lenses. Consult a physician.
- Ingestion : When swallowed, allow water to be drunk. Consult a physician.

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Foam
Carbon dioxide (CO₂)
Dry chemical
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
- Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.
Wear personal protective equipment. Unprotected persons must be kept away.
Ensure adequate ventilation.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Do not flush into surface water or sanitary sewer system.
- Methods and materials for containment and cleaning up : Use mechanical handling equipment.
Sweep up and shovel into suitable containers for disposal.
Dispose of in accordance with local regulations.

SECTION 7. HANDLING AND STORAGE**Handling**

- Precautions for safe handling : Wear personal protective equipment.
Use only in well-ventilated areas.
Avoid breathing dust.

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Conditions for safe storage, including any incompatibilities : Store in original container.
Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective measures : Ensure that eyewash stations and safety showers are close to the workstation location.
Legal requirements are to be considered in regard of the selection, use and care of personal protective equipment.
Avoid breathing dust.
Avoid contact with skin, eyes and clothing.

Engineering measures : Use with local exhaust ventilation.

Eye protection : Safety goggles

Hand protection : Protective gloves
Wear suitable gloves.
Layer thickness

Skin and body protection : Protective suit

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Exposure Guidelines

Contains no substances with occupational exposure limit values.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : powder

Color : dark yellow

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

Odor	: No data available
Odor threshold	: Note: No data available
pH	: Note: No data available
Melting point (decomposition)	: 185 °C
Boiling point/boiling range	: Note: No data available
Flash point	: Note: No data available
Evaporation rate	: Note: No data available
Lower explosion limit	: Note: No data available
Upper explosion limit	: Note: No data available
Vapor pressure	: Note: No data available
Vapor density	: Note: No data available
Density	: Note: No data available
Water solubility	: Note: No data available
Partition coefficient: n-octanol/water	: Note: No data available
Decomposition temperature	: Note: No decomposition if stored and applied as directed.

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

Viscosity, dynamic : Note: No data available

Viscosity, kinematic : Note: No data available

Molecular weight : 385.32 g/mol

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : None known.

Conditions to avoid : Heat, flames and sparks.
Keep away from direct sunlight.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity : Note: No data available

Acute inhalation toxicity : Note: No data available

Acute dermal toxicity : Note: No data available

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

Skin irritation : Note: No data available

Eye irritation : Note: No data available

Sensitisation : Note: No data available

Further information : Note: No toxicology information is available.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

Toxicity to fish : Note: No data available

Toxicity to daphnia and other aquatic invertebrates : Note: No data available

Toxicity to algae : Note: No data available

Further information on ecology

Additional ecological information : No information on ecology is available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : Observe all Federal, State, and Local Environmental regulations.

SECTION 14. TRANSPORT INFORMATION**DOT** Not dangerous goods

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

TDG Not dangerous goods**IATA** Not dangerous goods**IMDG** Not dangerous goods**SECTION 15. REGULATORY INFORMATION****Inventories**US. Toxic Substances : On TSCA Inventory
Control ActAustralia. Inventory of : On the inventory, or in compliance with the inventory
Industrial Chemicals (AIIC),
as amendedCanada. Canadian : All components of this product are on the Canadian DSL
Environmental Protection
Act (CEPA). Domestic
Substances List (DSL)

Japan. Kashin-Hou Law List : Not in compliance with the inventory

Korea. Existing Chemicals : On the inventory, or in compliance with the inventory
Inventory (KECI)Philippines. Inventory of : Not in compliance with the inventory
Chemicals and Chemical
Substances (PICCS)China. Inventory of Existing : On the inventory, or in compliance with the inventory
Chemical Substances
(IECSC)New Zealand. Inventory of : Not in compliance with the inventory
Chemicals (NZIoC), as
published by ERMA New
ZealandTaiwan Chemical : On the inventory, or in compliance with the inventory
Substance Inventory (TCSI)

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

National regulatory information

- SARA 302 Components** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313 Components** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
- SARA 311/312 Hazards** : No SARA Hazards
- California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

	HMIS III	NFPA
Health hazard	: 1	1
Flammability	: 1	1
Physical Hazard	: 0	
Instability	:	0

Hazard rating and rating systems (e.g. HMIS® III, NFPA): This information is intended solely for the use of individuals trained in the particular system.

Further information

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a

Alizarin-3-methyliminodiacetic acid**05590-5G**

Version 1.2

Revision Date 11/29/2022

Print Date 04/24/2023

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 materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Previous Issue Date: 01/02/2018

Prepared by Honeywell Performance Materials and Technologies Product Stewardship Group