

1 - Product and Company Information

ProductName 1-AMINO-4-HYDROXY-ANTHRAQUINON - 5mg
nERSE RED 15 C.I. 60710)

2 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Not hazardous according to Directive 67/548/EEC.

3 - Composition/Information on Ingredients

Product Name	CAS #	EC no	Annex I
1-AMINO-4-HYDROXYANTHRAQUINONE	116-85-8	204-163-0	None
Formula	C14H9NO3		
Molecular Weight	239.23 AMU		
Synonyms	1A-4OA (Russian) * Acetate Fast Red 2B * Acetoquinone Light Gooseberry RL * Acetylon Fast Pink B * Amacef Pink B * 1-Amino-4-hydroxy-9,10-anthracenedione * 1-Amino-4-hydroxyanthraquinone * 1-Amino-4-oxyanthraquinone (Russian) * 9,10-Anthracenedione, 1-amino-4-hydroxy- (9CI) * Artisil Direct Red 3BP * Artisil Red 3BP * Calcosyn Pink B * Celanthrene Red 3BN * Celliton Fast Pink BA-CF * Celliton Fast Pink BN * Celutate Pink B * Celutate Pink BN * Celutate Pink BY * Cerven disperzni 15 (Czech) * Cibacete Red 3B * Cibacet Red 3B * Cibacet Red E3B * Cilla Fast Pink BN * C.I. 60710 * C.I. Disperse Red 15 * C.I. Solvent Red 53 * Diacelliton Fast Pink B * Disperse Fast Pink B * Disperse Red 15 * Disperse Red 25 * Dispersol Orange D-G * Duranol Red 2B * Fenacet Fast Pink B * 1-Hydroxy-4-aminoanthraquinone * 4-Hydroxy-1-anthroquinonylamine * Interchem Acetate Pink BLF * Interchem Hisperse Pink BH * Microsetile Pink BN * Nacelan Pink B * Neosetile Pink BN * Oracet Red 3B * Para M * Perliton Pink 3B * Serisol Fast Red 2B * Setacyl Pink 3B * Supracet Brilliant Red 2B * Disperse Red * C.I. 60710		

4 - First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

AFTER SKIN CONTACT

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

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

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)

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

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: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Conditions of Storage: Keep tightly closed.

8 - Exposure Controls / Personal Protection

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). 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.

Hand Protection: Protective gloves.

Eye Protection: Chemical safety goggles.

9 - Physical and Chemical Properties

Appearance Physical State: Solid

Property	Value	At Temperature or Pressure
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pH N/A

BP/BP Range N/A

MP/MP Range 207.0 - 209.0 °C 207

Flash Point .0 - 209.0 °C

Flammability N/A

Autoignition Temp N/A

Oxidizing Properties N/A

Explosive Properties N/A

Explosion Limits N/A

Vapor Pressure N/A

Partition Coefficient N/A

Viscosity N/A

Vapor Density N/A

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

LD50 N/A

Intraperitoneal N/A

Rat 2700 MG/KG

LD50 N/A

Intravenous N/A

Mouse 56 MG/KG

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

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation. Absorbed through the skin.

Inhalation: May cause eye irritation. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

CHRONIC EXPOSURE - MUTAGEN

ZPOS

Histidine reversion (Ames)

12 - Ecological Information

RTECS NUMBER: CB5600000

ACUTE TOXICITY

LD50

Intraperitoneal

Rat

2700 MG/KG

LD50

Intravenous

Mouse

56 MG/KG

SIGNS AND SYMPTOMS OF EXPOSURE

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13 - Disposal Considerations

SUBSTANCE DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. 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

S-PHRASES: 22-24/25

Do not breathe dust. Avoid contact with skin and eyes.

Not hazardous according to Directive 67/548/EEC.

COUNTRY SPECIFIC INFORMATION

Germany

WGK: 3

Self-Classification

16 - Other Information

For R&D use only. Not for drug, household or other uses.

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 which it appears. Lookchem 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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