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MATERIAL SAFETY DATA SHEET (MSDS)

2-AMINO-5-CHLORO BENZOPHENONE

1. Product Identification

Synonyms: N.A

CAS No.: 719-59-5

Product Coad: A0020900500

Molecular Formula: C₁₃H₁₀ClNO

Molecular Weight: 231-67

2. Composition/Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
719-59-5	2-AMINO-5-CHLORO BENZOPHENONE	>98	719-59-5

3 - HAZARDS IDENTIFICATION

Classification of the GHS

PHYSICAL HAZARDS Not classified

HEALTH HAZARDS

Category 2

Skin corrosion/irritation

Serious eye damage/eye irritation Category 2A

Not classified

ENVIRONMENTAL HAZARDS

GHS label elements

Pictograms or hazard symbols

Signal word Warning

Hazard statement Causes skin irritation

Causes serious eye irritation

Precautionary statements

[Prevention] Wash hands thoroughly after handling.

Wear protective gloves/eye protection/face protection.

[Response] IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

4 - FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin contact: Remove/Take off immediately all contaminated clothing. Gently wash with plenty of

soap and water. If skin irritation or rash occurs: Get medical advice/attention. **Eye contact:** Rinse cautiously with water for several minutes. Remove

contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

5 - FIRE FIGHTING MEASURES

Dry chemical, foam, water spray, carbon dioxide.

Suitable extinguishing

media:

Specific hazards: Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Specific methods: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should

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evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.
 Special protective When extinguishing fire, be sure to wear personal protective equipment.
 equipment for firefighters:

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, Use personal protective equipment. Keep people away from and upwind of spill/leak.
protective equipment and Entry to non-involved personnel should be controlled around the leakage area by emergency procedures: roping off, etc.
Environmental precautions: Prevent product from entering drains.
Methods and materials for Sweep dust to collect it into an airtight container, taking care not to disperse it containment and cleaning Adhered or collected material should be promptly disposed of, in accordance with up: appropriate laws and regulations.

7 - HANDLING and STORAGE

Handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling.

Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage: Keep container tightly closed. Store in a cool and dark place.

Storage conditions:

Store away from incompatible materials such as oxidizing agents.

Law is followed **Packaging material:**

8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C): Solid

Form: crystal - powder

Color: Yellow

Odor: No data available

pH: No data available

Melting point/freezing point: 98 °C

Boiling Point/Range: No data available

Flash Point: No data available

Explosive limits

Lower: No data available

No data available

Upper:

Density: No data available

Soluble in : Methanol Ethanol Benzene Toluene Acetone Chloroform

Solubility: Insoluble in: Water Petroleum ether

10. STABILITY AND REACTIVITY

Stability: Stable under proper conditions.

Reactivity: No special reactivity has been reported.

Incompatible materials: oxidizing agents

Hazardous Decomposition Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx), Hydrogen chloride

Products:

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11. TOXICOLOGICAL INFORMATION

ipr-mus LD50:681 mg/kg

Acute Toxicity:

Skin corrosion/irritation: No data available:No data available

Serious eye damage/irritation:

Germ cell mutagenicity: No data available

Carcinogenicity:No data available

IARC =

NTP = No data available

No data available

Reproductive toxicity:

RTECS Number: PC4933500

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish: No data available

Crustacea: No data available

Algae: No data available

Persistence / degradability: No data available

Bioaccumulative No data available

potential(BCF):

Mobility in soil

log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law No data available

constant(PaM3/mol):

13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

Hazards Class: Does not correspond to the classification standard of the United Nations

UN-No: Not Listed

15. REGULATORY INFORMATION

Safe management ordinance of dangerous chemical product (State Council announces on January 26,2002): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

16. Other Information

Product Use: Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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