

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

**PRODUCT NAME** ANILINE BLUE [CI 42780]  
(Acid Blue 93, China Blue, Cotton Blue)  
Disodium hydrogen aminomethyl[[4-[(sulphonatophenyl)amino]phenyl][4-[(sulphonatophenyl)imino]cyclohexa-2,5-dien-1-ylidene]methyl]benzenesulphonate

**PRODUCT CODE** 80017x

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## 2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

Skin irritation	Category 2	H315
Eye irritation	Category 2	H319
Specific target organ toxicity – single exposure	Category 3	H335

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]

WARNING



### Hazard statement(s)

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

### Precautionary statement(s)

P261	Avoid breathing dust
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Formula	Molar Mass
ANILINE BLUE	249-113-9	28631-66-5	60-100%	C <sub>32</sub> H <sub>25</sub> N <sub>3</sub> O <sub>9</sub> S <sub>3</sub> .2Na	737.73 g/mol

## 4. FIRST-AID MEASURES

### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get prompt medical attention.

### INGESTION

Do not induce vomiting. Rinse mouth with water. Never make an unconscious person vomit or drink fluids. Get medical attention immediately.

### SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Seek medical attention.

### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

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## 5. FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use: Water spray, Alcohol-resistant foam, Dry chemicals, or Carbon dioxide.

### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

### ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

### SPILL CLEAN-UP METHODS

Sweep up into bag and hold for hazardous disposal. Avoid raising dust. Flush area with water – do not allow water to enter drains. Absorb with disposable towels and hold for hazardous disposal – see section 13.

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## 7. HANDLING & STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid dust formation. Provide adequate exhaust function where dust is raised.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

STORAGE CLASS  
Chemical storage.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES  
Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION  
Use protective gloves. The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION  
Wear approved, tight-fitting safety glasses where dust is probable.

RESPIRATORY EQUIPMENT  
Self-contained breathing apparatus where high dust levels are likely.

OTHER PROTECTION  
Provide eyewash station.

HYGIENE MEASURES  
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Dark Blue Powder
ODOUR	None
SOLUBILITY	Water, Alcohol

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## 10. STABILITY AND REACTIVITY

STABILITY  
Stable under normal temperature conditions and recommended use.

INCOMPATIBLE MATERIALS  
Strong oxidizers.

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## 11. TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

IARC: 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.

### SPECIFIC TARGET ORGAN TOXICITY

Inhalation – May cause respiratory irritation.

### INHALATION

May be harmful if inhaled. Causes respiratory tract irritation.

### INGESTION

May be harmful if swallowed.

### SKIN CONTACT

May be harmful if absorbed through skin. Causes skin irritation.

### EYE CONTACT

Causes eye irritation.

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## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

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## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

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## 14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

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## 15. REGULATORY INFORMATION

### STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.  
Workplace Exposure Limits EH40/2011.

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## 16. OTHER INFORMATION

### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

# Clin-Tech Ltd.

80017x  
Aniline Blue [CI 42780]  
Revision 4 – Date 07/2014

## REVISION INFORMATION

Revision No.	4
Revision Date	07/2014
Comments	CHIP regulations removed
Replaces Document Generated	05/2013

## HAZARD STATEMENTS IN FULL

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