

## TOLUDINE BLUE

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

**Product Name:** TOLUDINE BLUE  
**Product Code:** 1676  
**CAS#:** 121-33-5  
**Chemical Name:** Not available  
**Chemical Formula:**  $(C_{15}H_{16}C_1N_3S)_2 ZnCl_2$   
**Formula Weight:** 305.83

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

**Composition:**  
**Name:** TOLUDINE BLUE  
**Toxicological Data on Ingredients:** Not applicable

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

**Other hazards** - none

### SECTION 4: FIRST AID MEASURES

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
**In case of skin contact:** Wash off with soap and plenty of water.  
**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.

### SECTION 5: FIRE AND EXPLOSION DATA

**Extinguishing media**

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture** Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Sodium oxides

**Advice for firefighters** Wear self contained breathing apparatus for firefighting if necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

**Environmental precautions** Do not let product enter drains.

**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.

### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling** Keep away from heat. Keep away from sources of ignition..



**Storage:** Store in cool, dry place in closed containers.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

**Eye/face protection** Safety glasses with side-shields conforming to EN166 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 glove's 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.

**Respiratory protection** Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 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).

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	: Dark greenish color granules.
Colour	: Not available
Odour	: Not available
Odour Threshold	: Not available
pH	: Not available
Melting point/freezing point	: 81 – 83 <sup>0</sup> C
Initial boiling point and boiling range	: Not available
Flash point	: Not available
Evaporation rate	: Not available
Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Vapour density	: Not available
Relative density	: Not available
Water solubility	: Not available
Partition coefficient	: Not available
Auto-ignition temperature	: Not available

## SECTION 10: STABILITY AND REACTIVITY DATA

**Reactivity** no data available

**Chemical stability** Stable under recommended storage conditions

**Possibility of hazardous reactions** no data available

**Conditions to avoid** Excess heat

**Incompatible materials** Strong oxidizing agents

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute toxicity:** Not available

**Skin corrosion/irritation:** Not available

**Serious eye damage/eye irritation:** Not available

**Respiratory or skin sensitization:** Not available

**Carcinogenicity:** Not available.

**Reproductive toxicity:** Not available

**Specific target organ toxicity - single exposure:** Not available.



**Specific target organ toxicity – repeated exposure:** Not available.

**Aspiration hazard:** Not available

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** no data available

**Persistence and degradability** no data available

**Bioaccumulative potential** no data available

**Mobility** in soil no data available

**Results of PBT and vPvB assessment** PBT/vPvB assessment not available

**Other adverse effects** no data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods** Product Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging** Dispose of as unused product

## SECTION 14: TRANSPORT INFORMATION

### UN number

ADR/RID:

IMDG: -

IATA: -

### UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### Transport hazard class(es)

ADR/RID:

IMDG: -

IATA: -

### Packaging group

ADR/RID:

IMDG: -

IATA: -

### Environmental hazards

ADR/RID: no

IMDG: - marine pollutant no.

IATA: -no

## SECTION 15: OTHER REGULATORY INFORMATION

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

**Safety, health and environmental regulations/legislation specific for the substance or mixture:** no data available

**Chemical Safety Assessment** For this product a chemical safety assessment was not carried out.

## SECTION 16: OTHER INFORMATION

**References: Full text of H AND R-Statements:** Not Applicable

**Other Special Considerations:** Not available

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