

LITMUS BLUE SOLUTION

SECTION 1: PRODUCT IDENTIFICATION

Product Name: LITMUS BLUE SOLUTION

Product Code: TBL 051

CAS#: Not available.

Chemical Formula: Not available.

Molecular Formula: Not available.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Name: Chloroform

Toxicological Data on Ingredients: Acute Tox. 4; Acute Tox.3; Skin Irrit. 2; Eye Irrit.2; Carc. 2; Repr. 2; STOT, SE 3; STOT RE 1; H302, H331, H315, H319, H351, H361d, H336, H372

Concentration limits: 20 %: STOT SE 3, H336;

SECTION 3: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008

Carcinogenicity (Category 2), H351

Specific target organ toxicity - repeated exposure (Category 3), H373
Flammable liquids (Category 2), H226
Irritant (Category 2), H315
Harmful to the environment (Aquatic Acute), H411

Potential Acute Health Effects: : Ingestion causes inebriation, headache, nausea & vomiting leading to severe illness, blindness, and perhaps death. Liquid causes irritation. Inhalation of vapors may cause drowsiness, Nausea & vomiting.

Potential Chronic Health Effects: Ingestion causes inebriation, headache, nausea & vomiting leading to Severe illness, blindness, and perhaps death. Liquid causes irritation. Inhalation of vapors may cause Drowsiness, nausea & vomiting

Carcinogenic Effects: Not available

Mutagenic Effects: Not available

Teratogenic Effects: Not available

Developmental Toxicity: Not available

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Warm water must be used. Get medical attention if irritation occurs .

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available

Inhalation: After inhalation: fresh air. '

Serious Inhalation: Not available

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

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



Unsuitable extinguishing media: For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture: Carbon oxides, Hydrogen chloride gas.

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

Further information: No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up; Contain spillage, and then collect with an electrically protected vacuum cleaner or by wetbrushing and place in container for disposal according to local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Storage conditions : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class: Not available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/face protection: 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.

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

Physical state and appearance Form	: Liquid.
Odour	: Not Available
Taste	: Not Available
Molecular Weight	: Not Available
Colour	: Blue
pH	: Not Available
Boiling Point	: Not Available
Melting Point	: Not Available
Critical Temperature	: Not Available
Relative Density	: Not Available
Vapor Pressure	: Not Available
Vapor Density	: Not Available
Volatility	: Not Available
Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Solubility	: Not Available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable under recommended storage conditions.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Strong bases, Strong oxidizing agents, Lithium, Sodium/sodium oxides, Magnesium

Special Remarks on Reactivity: Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

Acute toxicity estimate Oral - > 2.000 mg/kg

(Calculation method)

Acute toxicity estimate Inhalation - 4 h - > 20 mg/l

Toxicity to Animals:

LD50: Not available

LC50: Not available.

Chronic Effects on Humans: Not available

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Toxicity of the Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number

ADR/RID:

IMDG:

IATA:

UN proper shipping name

ADR/RID: No dangerous goods

IMDG: No dangerous goods

IATA: No 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

Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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 available

Other Special Considerations: Not available

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