

**MATERIAL SAFETY DATA SHEET
COOMASSIE BLUE G-250 SOLUTION**

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1. Product And Company Identification

Teknova Inc.

2290 Bert Dr.

Hollister, Ca 95023

Telephone Number: 831-637-1100

Emergency Contacts/Telephone Numbers

Chemtrec Emergency Phone Number: (800) 424-9300

Issue Date: 05/12/2009

Catalog Number: C1040

Product Name: COOMASSIE BLUE G-250 SOLUTION

2. Composition/Information On Ingredients

Ingredients	Cas Number	Sara #:
Acetic Acid	64-19-7	N/A
Coomassie Blue G-250	N/A	N/A

3. Hazards Identification

Emergency Overview

OSHA Hazards

Combustible Liquid, Target Organ Effect, Harmful By Skin Absorption, Corrosive, Skin sensitiser

Target Organs

Teeth, Kidney

Hmis Rating

Health: 3

Flammability: 2

Reactivity: 0

Nfpa Rating:

Health: 3

Flammability: 2

Reactivity: 0

REFER TO SECTION 11 FOR MORE INFORMATION.

4. First Aid Measures

Eye

In Case Of Contact, Immediately Flush Eyes With Copious Amounts Of Water For At Least 15 Minutes. Assure Adequate Flushing By Separating The Eyelids With Fingers. Contact a doctor.

Skin

In Case Of Contact, Immediately Wash Skin With Soap And Copious Amounts Of Water. Wash Contaminated Clothing Before Reuse. Contact a doctor. Take victim to hospital.

Inhalation

If Inhaled, Remove To Fresh Air. If Not Breathing Give Artificial Respiration. Contact a doctor.

Ingestion

If Swallowed, Wash Out Mouth With Water Provided Person Is Conscious. Contact a doctor.

5. Fire Fighting Measures

Suitable Extinguishing Media

For Small (Incipient) Fires, Use Media Such As "Alcohol" Foam, Dry Chemical, Or Carbon Dioxide. For Large Fires, Apply Water From As Far As Possible. Use Very Large Quantities (Flooding) Of Water Applied As A Mist Or Spray; Solid Streams Of Water May Be Ineffective. Cool All Affected Containers With Flooding Quantities Of Water.

Special Protective Equipment For Fire-Fighters

Wear Self Contained Breathing Apparatus For Fire Fighting If Necessary.

Further Information

Use Water Spray To Cool Unopened Containers.

6. Accidental Release Measures

Personal Precautions

Wear respiratory protection. Avoid breathing gas, mist or vapors. 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

Do Not Let Product Enter Drains.

Methods For Cleaning Up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in Container for disposal according to local regulations (see section 13).

7. Handling And Storage

Handling

Avoid Inhalation Of mist Or vapor.

Keep Away From Sources Of Ignition - No Smoking. Take Measures To Prevent The Build Up Of Electrostatic Charge.

Storage

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.

8. Exposure Controls/Personal Protection

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the Respirator is the sole means of protection; use a full-face supplied air respirator. Use respirators and components Tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand: Protective Gloves.

Eye: Chemical Safety Goggles.

GENERAL HYGIENE MEASURES

Wash Thoroughly After Handling.

9. Physical And Chemical Properties

Appearance And Physical Properties: Liquid

Safety data:

N/A

10. Stability And Reactivity

Storage Stability

Stable Under Recommended Storage Conditions.

Conditions To Avoid

Avoid moisture.

Heat, Flames And Sparks.

Materials To Avoid

Peroxides, permanganates, e.g. potassium permanganate, Amines, Alcohols, Strong oxidizing agents, Reducing agents

Hazardous Decomposition Products

Hazardous Decomposition Products Formed Under Fire Conditions. - Carbon Oxides, nitrogen oxides (NOx), Sulphur Oxides, Sodium oxides.

11. Toxicological Information

ROUTE OF EXPOSURE

Inhalation May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous Membranes and upper respiratory tract.

Ingestion May be harmful if swallowed.

Skin Causes skin burns.

Eyes Causes eye burns.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

N/A

13. Disposal Considerations

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material Is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed Professional waste disposal service to dispose of this material.

Contaminated Packaging

Dispose Of As Unused Product.

14. Transport Information

DOT (US)

UN-Number: 2789 Class: 8 (3) Packing Group: II

Proper Shipping Name: Acetic Acid, Glacial

Marine Pollutant: No

Poison Inhalation Hazard: No

IMDG

UN-Number: 2789 Class: 8 (3) Packing Group: II EMS-No: F-E, S-C

Proper Shipping Name: ACETIC ACID, GLACIAL

Marine Pollutant: No

IATA

UN-Number: 2789 Class: 8 (3) Packing Group: II

Proper Shipping Name: Acetic Acid, Glacial

15. Regulatory Information

OSHA Hazards

Combustible Liquid, Target Organ Effect, Harmful by skin absorption, Skin sensitiser, Corrosive

United States Regulatory Information

Sara Listed: No

Canada Regulatory Information

Whmis Classification: This Product Has Been Classified In Accordance With The Hazard Criteria Of The Cpr, And The Msds Contains All The Information Required By The Cpr.

Dsl: No

Ndsl: No

16. Other Information

Disclaimer

For R&D Use Only. Not For Drug, Household Or Other Uses.

Warranty

The Above Information Is Believed To Be Correct But Does Not Purport To Be All Inclusive And Shall Be Used Only As A Guide. Teknova, Inc. Shall Not Be Held Liable For Any Damage Resulting From Handling Or From Contact With The Above Product.

Teknova, Inc.