



Lake and Pond Colorant

WAVEX - Granular

MATERIAL SAFETY DATA SHEET

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Date Issued : 01/10/12 (m/d/y)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name :

WAVEX

Axsys direct mfg

4523 – 97st

Edmonton ab Canada t6e 5y8

Emergency Telephone Numbers: 1-866-543-5276

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients % (w/w) ACGIH TLV CAS No.

Non-Hazardous Ingredients

Synonyms: None known

Chemical Family: Dye

Product Use: Liquid lake & pond colourant

3. HAZARDOUS INGREDIENTS OF PRODUCT

Summary: Hazardous properties of all ingredients have been considered in the preparation of this MSDS. Read the entire MSDS for the complete hazard evaluation of this product.

Emergency Overview: May cause irritation to eyes and skin.

4. FIRST AID MEASURES

Inhalation: Move victim to fresh air. Obtain medical attention if irritation persists.

Skin Contact: Flush skin with running water for a minimum of 20 minutes. Removing contaminated clothing. If irritation persists, consult a Physician.

Eye Contact: Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. If irritation persists, consult a Physician.

Ingested: If victim is alert and not convulsing, rinse out mouth and give 1/2 to 1 glass of water to dilute material. DO NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Obtain medical attention.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): > 93.3 °C.

Auto ignition Temperature: Not available.

Flammability Limits in Air (%): LEL: Not applicable

Flammability Limits in Air (%): UEL: Not applicable

Fire Extinguishing Media: Use water, carbon dioxide or dry chemical.

Fire Fighting Procedures: Special procedures not required

Other Fire or Explosion Hazards: None known.

6. ACCIDENTAL RELEASE MEASURES

In case of a major spill: Stop leak and contain spill by dyking to minimize environmental impacts. Collect spilled material and pump into a salvage drum. Remove any contaminated soil for disposal and replace with fresh material. For decontamination of hard surfaces, wash area with detergent and water and soak up with absorbent. Rinse with water and soak up with absorbent. Sweep up and shovel into disposable container.

For small spills: Stop leak and contain spill by dyking. Absorb spilled material on granular clay or other suitable absorbent. Sweep up carefully and shovel into a disposable container. For decontamination of hard surfaces, wash area with detergent and water and soak up with absorbent. Rinse with water and soak up with absorbent. Sweep up and shovel into disposable container. For contaminated soil or gravel, remove top 5-7 cm (2-3") for disposal and replace with fresh soil or gravel.

7. HANDLING AND STORAGE INFORMATION

Handling Procedures: Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing thoroughly before re-use.

Storage Requirements: Store in a cool, dry, well-ventilated area. Keep containers tightly closed.

Storage Temperature: Store at ambient temperatures and above 0°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: A NIOSH/MSHA-approved respirator when sprayed

Skin Protection: Chemical resistant gloves and protective clothing that is impervious under conditions of use.

Eye Protection: Chemical safety goggles.
Other Personal Protective Equipment: Wear regular work clothing with an impermeable apron and boots.
Engineering Controls: Provide local exhaust and/or adequate ventilation when sprayed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: powder.
Appearance and Odor: Deep dark blue powder
Boiling Range (°C): Not available
Melting/Freezing Point (°C): Not available.
Vapor Pressure: Not available.
Vapor Density: Not available
Specific Gravity: n/a
Evaporation Rate: Not available
% Volatile by Volume: None
Solubility: Soluble in water.
pH: Not available.

10. STABILITY AND REACTIVITY DATA

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None known
Materials to Avoid: None know
Hazardous Decomposition Product(s): Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Inhalation: This product is not expected to be an inhalation problem under normal usage.
Skin: May cause irritation and redness.
Eyes: May cause irritation and redness.
Ingested: May cause nausea, abdominal discomfort and diarrhea.
Other Health Effects: Existing dermatitis may be exacerbated. Repeated or prolonged exposure may cause tissue damage.

Carcinogenicity Data: The ingredients in this product are not classified as carcinogenic by IARC (International Agency for Research on Cancer), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration), and not listed as carcinogens by NTP (National Toxicology Program).

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: Not known.
Environmental Effects: Do not contaminate domestic or irrigation water supplies, lakes, streams or rivers.
Persistence and Degradation: Not known.

13. DISPOSAL CONSIDERATIONS

Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste with normal garbage, or to sewer systems.

14. TRANSPORT INFORMATION

TDG Classification: Not regulated.
Transportation Emergency Telephone Number 1-800-543-5276

15. REGULATORY INFORMATION

WHMIS Classification: Not regulated

16. OTHER INFORMATION

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by



1-866-543-5276

Axsys Direct Manufacturing
4523 97St.
Edmonton, Alberta
T6E 5Y8

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Read the entire

MSDS for the complete hazard evaluation of this product.

Emergency Overview: May cause irritation to eyes and skin.

4. FIRST AID MEASURES

Inhalation: Move victim to fresh air. Obtain medical attention if irritation persists.

Skin Contact: Flush skin with running water for a minimum of 20 minutes. Removing contaminated clothing.

If irritation

persists, consult a Physician.

Eye Contact: Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open

during flushing. If

irritation persists, consult a Physician.

Ingested: If victim is alert and not convulsing, rinse out mouth and give 1/2 to 1 glass of water to dilute

material. DO NOT

induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid

breathing in of vomitus,

rinse mouth and administer more water. Obtain medical attention.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): > 93.3 °C.

Autoignition Temperature: Not available.

Flammability Limits in Air (%): LEL: Not applicable

Flammability Limits in Air (%): UEL: Not applicable

Fire Extinguishing Media: Use water, carbon dioxide or dry chemical.

Fire Fighting Procedures: Special procedures not required

Other Fire or Explosion Hazards: None known.

6. ACCIDENTAL RELEASE MEASURES

In case of a major spill: Stop leak and contain spill by dyking to minimize environmental impacts. Collect

spilled material and

pump into a salvage drum. Remove any contaminated soil for disposal and replace with fresh material. For

decontamination

of hard surfaces, wash area with detergent and water and soak up with absorbent. Rinse with water and

soak up with

absorbent. Sweep up and shovel into disposable container.

For small spills: Stop leak and contain spill by dyking. Absorb spilled material on granular clay or other suitable absorbent.

Sweep up carefully and shovel into a disposable container. For decontamination of hard surfaces, wash

area with detergent

and water and soak up with absorbent. Rinse with water and soak up with absorbent. Sweep up and shovel

into disposable

container. For contaminated soil or gravel, remove top 5-7 cm (2-3") for disposal and replace with fresh soil

or gravel.

7. HANDLING AND STORAGE INFORMATION

Handling Procedures: Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing thoroughly before re-use.

Storage Requirements: Store in a cool, dry, well-ventilated area. Keep containers tightly closed.

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Skin Protection: Chemical resistant gloves and protective clothing that is impervious under conditions of use.

Eye Protection: Chemical safety goggles.

Other Personal Protective Equipment: Wear regular work clothing with an impermeable apron and boots.

Engineering Controls: Provide local exhaust and/or adequate ventilation when sprayed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Appearance and Odour: Deep dark blue liquid with slight odour

Boiling Range (°C): Not available

Melting/Freezing Point (°C): Not available.

Vapour Pressure: Not available.

Vapour Density: Not available

Specific Gravity: 1.052

Evaporation Rate: Not available

% Volatile by Volume: None

Solubility: Soluble in water.

pH: Not available.

10. STABILITY AND REACTIVITY DATA

Chemical Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known

Materials to Avoid: Avoid strong oxidizing agents.

Hazardous Decomposition Product(s): Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Inhalation: This product is not expected to be an inhalation problem under normal usage.

Skin: May cause irritation and redness.

Eyes: May cause irritation and redness.

Ingested: May cause nausea, abdominal discomfort and diarrhea.

Other Health Effects: Existing dermatitis may be exacerbated. Repeated or prolonged exposure may cause tissue damage.

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losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein. This Material Safety Data Sheet is valid for three years.
Prepared by Axsys direct mfg