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NAPHTHOL GREEN B

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION:

Synonyms: Acid Green 1; C.I. 10020; Pigment Green 12; D and C Green 1

CAS No.: 19381-50-1

Molecular Weight: 878.47

Chemical Formula: C₃₀H₁₅N₃O₁₅S₃FeNa₃

2. COMPOSITION, INFORMATION ON INGREDIENTS:

| <u>Chemical Name</u> | <u>CAS No.</u> | <u>Percent</u> | <u>Hazardous</u> |
|----------------------|----------------|----------------|------------------|
| Naphthol Green B | 19381-50-1 | 90-100 | No |

3. HAZARDS IDENTIFICATION:

Emergency Overview: WARNING! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. Do not breathe dust. Avoid contact with eyes, skin, and clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

Potential Health Effects:

Inhalation: May cause irritation to the mucous membranes and respiratory tract.

Ingestion: May be harmful.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation.

Chronic Exposure: No information found.

4. FIRST AID MEASURES:

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin: In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothes and shoes. Get medical attention if irritation develops or persists.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls water or milk to drink. **Do NOT** induce vomiting. **NEVER** give anything by mouth to an unconscious person. Get medical attention if irritation or symptoms appear.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear. **Notes to Physician:** Treat symptomatically and supportively.

5. FIGHT FIGHTING MEASURES:

Fire: As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Explosion: May form a flammable/explosive dust cloud on mixing with air in the presence of a source of ignition.

Fire Extinguishing Media: Water spray, foam, CO₂, dry powders.

Special Information: In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES:

General Information: Remove all sources of ignition. Ventilate area of leak or spill. Clean-up personnel may require protection from inhalation of dust.

Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools. Pick up spill for recovery or disposal and place in a closed container.

7. HANDLING AND STORAGE:

Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Keep tightly closed containers.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH</u> | <u>NIOSH</u> | <u>OSHA-Final PELs</u> |
|-----------------------------|---------------------|---------------------|-------------------------------|
| Naphthol Green B | None listed | None listed | None listed |

Personal Protective Equipment:

Eyes: Use chemical safety goggles. Contact lenses should not be worn when working with this material. Maintain

eye wash fountain and quick-drench facilities in work area.

Skin: Wear protective gloves and clean body-covering clothing

Clothing: Wear appropriate protective clothing.

Respirators: For conditions where exposure to the dust is apparent, a dust/mist respirator may be worn. For emergencies, a self-contained breathing apparatus may be necessary

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Dark green powder.

Odor: Odorless.

Solubility: 25 g/l at 20 C (water)

pH Solution: 9.2 at 10 g/l in water

Boiling Point: Not applicable.

Vapor Density (Air=1): No information found.

Melting Point: Not applicable.

Vapor Pressure (mm Hg): No information found.

Specific Gravity: No information found.

Evaporation Rate: No information found.

10. STABILITY AND REACTIVITY:

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: May form noxious fumes if involved in a fire.

Incompatibilities: No information found.

11. TOXICOLOGICAL INFORMATION:

RTECS#:

CAS# 19381-50-1: LJ8930000

Acute Oral Toxicity LD50: 8,200 mg/kg tested in rats.

Carcinogenicity: CAS# 19381-50-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

12. ECOLOGICAL INFORMATION:

Environmental Fate: No information available.

Environmental Toxicity: No data available.

13. DISPOSAL CONSIDERATIONS:

Disposal: Whatever cannot be saved for recovery may be burned in an approved incinerator or disposed in an approved waste facility. Ensure compliance with local, state, and federal regulations. Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances and sources of ignition. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

14. TRANSPORT INFORMATION:

Not regulated. **DOT:** Non-hazardous for transport. **IATA:** Non-hazardous for Air transport.

15. REGULATORY INFORMATION:

US FEDERAL

TSCA CAS#19381-50-1 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 19381-50-1 is not present on state lists from CA, PA, MA, MN, FL, or NJ.

California Prop 65:

No Significant Risk Level: None of the chemicals in this product are listed.

EUROPEAN/INTERNATIONAL REGULATIONS

European Labeling in Accordance with EC Directives

Hazardous Symbols:

Not available.

Risk Phrases:

Not available.

Safety Phrases:

S22-24/25 Do not breathe dust. Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 19381-50-1: 1

Canada - DSL/NDSL

CAS# 19381-50-1 is listed on Canada's DSL List.

Canada – WHMIS: This product has been classified in accordance with the hazard criteria of the CPS, and the MSDS contains all the information required by the CPR.

CAS# 19381-50-1 is not listed on **Canada's Ingredient Disclosure List.**

Exposure Limits

16. DISCLAIMER INFORMATION:

DISCLAIMER:

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