

MATERIAL SAFETY DATA SHEET

MSDS

D & C RED 33 DYE POWDER

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	D & C Red 33 Dye Powder
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	08/12/2010
Emergency Telephone Number:	Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity:

C.I. Acid Red 33 CAS NO: 0003567-65-8

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

Hazardous Components: None

Exposure Limits: N/A

3. HAZARDS IDENTIFICATION

Routes of Entry:	<ul style="list-style-type: none">• Eyes• Ingestion• Skin Contact• Inhalation
Acute Health Effects:	Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation. Skin contact is not expected to create acute health effects. No inhalation effects known.
Chronic Health Effects:	None known
Signs/Symptoms of Exposure:	Irritation, Skin contact may discolor skin due to pigment.
Target Organs:	Eyes, Respiratory tract, Skin
Medical Conditions Aggravated by Exposure:	Pre-existing skin problems may be aggravated by prolonged or repeated contact.
Carcinogenic Status:	The components of this mixture are not known to be listed or regulated by IARC, NTP, OSHA or ACGIH.
Reproductive Effects:	None expected

4. FIRST AID MEASURES

If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area and consult with a physician.

Eyes:	Flush with plenty of water or eye wash solution for a minimum of 5 minutes. Get medical attention if irritation persists.
Skin:	Wash with soap and water- get medical attention if irritation occurs.
Ingestion:	No ingestion effects known. Treat symptomatically.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flammability of Product:	N/A
Flash Point (Method Used):	Not Available
Flammable Limits:	LEL: Not Established UEL: Not Established
Auto Ignition Temperature:	No information
Hazardous Combustion Products:	Not Available
Conditions Under Which Flammability Could Occur:	Not Available
Extinguishing Media:	<ul style="list-style-type: none">• Dry Chemical• Carbon Dioxide• Foam• Water <p>Note: Water spray can be used to absorb heat and cool and protect surrounding exposed material. Avoid hose streams or any method which will create dust clouds.</p>
Special Firefighting Procedures:	Wear self contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists. Wear SCBA equipped with a full face piece and operated in a pressure-demand mode (or other positive pressure mode) and protective clothing.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:	Using care to avoid dust generation, vacuum or sweep into a closed container for reuse or disposal. Do not sweep or flush spilled product into public sewer, streams or other water systems.
Environmental Protection:	Notify authorities if large amounts of product enters sewer.

7. HANDLING AND STORAGE

Handling

- Wear safety glasses. Avoid contact with eyes.
- Use under well-ventilated conditions.
- Wash thoroughly after handling.
- After repeated or prolonged contact with skin.
- Avoid breathing dust. Avoid routine inhalation of dust of any kind. Exercise care when emptying containers, sweeping, mixing or doing other tasks which can create dust.

Safe Handling:

Although the risk of a dust explosion is low, as a precaution, implement the following safety measures:

- Eliminate ignition sources (sparks, static buildup, excessive heat etc). In general dust of organic materials is a static charge generator which may be ignited by electrostatic discharge, electrical arcs, sparks, welding torches, cigarettes, open flame, or other significant heat sources. Prevent accumulation of dust,

Storage

Requirements for Storage Areas and Containers:

Store in a cool, dry location, in a sealed container in a well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:

Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limits(s) outlined in the MSDS.

As a guideline use the following for inert or nuisance dust (particulates not otherwise classified):

NOTES:

-OSHA TWA: 5 mg/m³ respirable fraction and 15 mg/m³ total dust.

-ACGIH TWA: 3 mg/m³ respirable fraction and 10 mg/m³ inhalable particulates.

General threshold value (MAK) for dust: 1.5 mg/m³ (respirable fraction) and 4 mg/m³ (inhalable fraction).

Personal Protection

Eye:

Safety glasses should be worn.

Skin/Body:

Lab coats and gloves may be worn.

Respiratory:

In case of insufficient ventilation, wear suitable respiratory equipment, if inhalation of dust cannot be avoided, wear a particulate respirator approved by NIOSH/MSHA. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29 CFR).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Color:	Dark Red
Odor:	None
Specific Gravity (H2O = 1):	N/A
Solubility in Water:	Soluble
% Volatile by Weight:	< 13%
Boiling Point:	N/A
Melting Point:	N/A
Evaporation Rate:	N/A
pH:	N/A

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None known
Incompatibility (Materials to Avoid):	None known
Hazardous Decomposition or Byproducts:	None
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

LC50 Inhalation:	Not Established
LD50 Oral:	Not Established
LD50 Skin:	Not Established

No toxicity studies have been conducted on this product.

12. ECOLOGICAL INFORMATION

Ecological Information:	Not Available
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13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Land disposal should be in closed containers. Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations.

US RQ:

Not Applicable

14. TRANSPORT INFORMATION

DOT Classification:

Not a DOT controlled material.

Class/Division:

Not restricted

Proper Shipping Name:

N/A

Label:

None

Packing Group:

N/A

ID Number:

N/A

Hazard:

N/A

15. REGULATORY INFORMATION

This MSDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US Toxic Substances Control Act:

All components of this product are either on the US Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

US CERCLA- SARA:

SARA Title III Section 312 Hazard Category (40 CFR 311/312):

Not Hazardous

SARA Section 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 372:

None known

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:

California Proposition 65:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

The chemical identity of some or all components present is confidential business information (trade secret) and is being withheld as permitted by 29CFR1910.1200 (i).

Canadian Domestic Substances List (DSL):

All components in this product are on the Canadian Ingredient Disclosure List (WHMIS).

Canadian Ingredient Disclosure List:

The following components are on the Canadian Ingredient Disclosure List (WHMIS):

None Listed

Canadian WHMIS Class:

Not Controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. ADDITIONAL INFORMATION

HMS Rating:

Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: X

NFPA Rating:

Health: 1 Flammability: 1 Reactivity: 0

Key: 0 = insufficient 1 = slight 2 = moderate 4 = extreme

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.
