1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

C.I. PIGMENT RED 57

USE DESCRIPTION
Purified colors are colorants manufactured for use in a variety of food, drug, and cosmetic applications. These products include U.S. Certified Organic Colorants, Purified Inorganic Colorants, and Non-Certified Organic Colorants, and are produced to the highest purity standards possible.

Distributor Emergency Tel #808/263-3227

2. COMPOSITION/INFORMATION ON INGREDIENTS
D&C RED No. 33 AI. LAKE C.A.S.# 003567-66-6
This product is not considered to be a hazardous substance as defined under OSHA’s Hazard Communication Standard (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW:
CAUTION!
When involved in a fire or exposed to high temperatures for an extended period of time, organic pigments may smolder or burn evolving noxious fumes which can include oxides of nitrogen and carbon, or other toxic compounds.

4. FIRST AID MEASURES
EYE CONTACT
Flush eyes thoroughly with large amounts of water for at least fifteen minutes.
Get medical attention.
SKIN CONTACT
Wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation occurs.
INHALATION
Remove to fresh air. Get medical attention if breathing is difficult.
INGESTION
Do not give anything by mouth to an unconscious person. Do not induce vomiting.
Get immediate medical attention.

5. FIRE FIGHTING MEASURES
Nonflammable organic pigment product.
Extinguishing Media
Carbon dioxide, dry chemical or foam recommended. Apply water spray to cool exposed closed containers.
Special Fire-Fighting Procedures
Self-contained breathing apparatus (SCBA) and full protective equipment recommended.
Unusual Fire and Explosion Hazards
Fire or excessive heat may produce hazardous decomposition products.
General Hazard
Improper handling of any finely divided organic pigment powder may lead to dust.
cloud formation which may be an explosion hazard.

FLAMMABILITY DATA
Flash Point: Non-flammable material
Flammability Limits: No data
Autoignition Temperature: No data
Dust Cloud Ignition Temperature: No data
Dust Layer Ignition Temperature: No data

NFPA RATINGS HMIS RATINGS
Health: 0 Health: 0
Flammability: 1 Flammability: 1
Reactivity: 0 Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill
For dry powder spills, inert materials such as sand may be added to control dusting prior to cleanup. Industrial grade vacuum sweepers are also recommended. Place spilled material into appropriate waste containers for disposal.

Large Spill
Contain spilled material immediately with an inert substance such as sand or earth. Use plastic or aluminum shovel to transfer diluted waste material into appropriate containers for disposal.

Airborne organic pigment dust may be an explosion hazard. Secure possible sources of ignition and avoid dusting.

7. HANDLING AND STORAGE

Handling
Avoid employee exposure through the use of appropriate engineering controls and good industrial hygiene practices.

Storage
Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labelling information is visible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
The use of local exhaust ventilation is recommended.

Personal Protection
NIOSH approved dust respirators are recommended when handling in areas of pigment dusting. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

Exposure Limits
There are no ACGIH TLV’s or OSHA PEL’s established for this product. The OSHA PEL for nuisance dust is 15 mg/m³ (total dust), and 5 mg/m³ (respirable dust) recommended. The recommended ACGIH TLV for nuisance dust is 10 mg/m³.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Finely divided powder
COLOR: Red
MELTING POINT: No data
SOLUBILITY: Insoluble
PERCENT VOLATILE: None
VAPOR PRESSURE: Not applicable
BOILING POINT: No data
MOLECULAR FORMULA: C₁₆H₁₃N₃O₇S₂.Al
VOLATILE ORGANIC COMPOUNDS (VOC’s): None

10. STABILITY AND REACTIVITY
GENERAL:
This product is a stable compound and hazardous polymerization will not occur.

INCOMPATABILITY:
Avoid strong oxidizing agents such as peroxides, chlorates, perchlorates, nitrates, and permanganates. Oxidizing materials may vigorously evolve oxygen in large amounts.

HAZARDOUS DECOMPOSITION PRODUCTS:
When involved in a fire, burning organic pigments may evolve noxious gases which are toxic. These compounds may include carbon monoxide, carbon dioxide, nitrous oxides, or hydrogen chloride, depending on the pigment type.

11. TOXICOLOGICAL INFORMATION
GENERAL
Based upon industry-wide experience over many years of manufacturing and published toxicological studies, cosmetic pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information.
There are no established permissible exposure limits for this product.
Sun Chemical Corporation have not performed any animal testing on this material in the last 5 years.

ACUTE (SHORT-TERM) TOXICITY
Skin contact: Irritation not expected. No evidence of harmful effects from available information.
Eye contact: Irritation not expected. High dust concentrations may cause mechanical irritation, as is typical with any finely divided powder.
Inhalation: Not expected to be an inhalation hazard. Excessive levels of dusts may result in discomfort after repeated or prolonged exposures.
Ingestion: No adverse effects known, and is believed to be practically non-toxic by ingestion. Based upon data from similar products, the acute oral LD50 value is expected to be greater than 2,000 mg/kg.

CHRONIC (LONG-TERM) TOXICITY
No known published data available and no adverse effects expected.

MUTAGENICITY
No mutagenic effects known or expected.

12. ECOLOGICAL INFORMATION
This product has not been evaluated for its ecotoxicity. However, the biodegradation of organic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since organic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

13. DISPOSAL CONSIDERATIONS
GENERAL
This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste Management
. Incineration or landfilling are recommended disposal techniques. Contact the state or local environmental agency for specific rules.
. This product is not identified as a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund).

14. TRANSPORT INFORMATION
D.O.T. SHIPPING NAME (49 CFR 172.101-102).....: Not regulated
D.O.T. HAZARD CLASS (49 CFR 172.101-102).....: None
D.O.T. LABEL......................................: None
D.O.T. PLACARD.....................................: None
BILL OF LADING DESCRIPTION: Pigments NOI Dry
CERCLA SUBSTANCE (49 CFR): Not regulated
REPORTABLE QUANTITY (RQ): None
INTERNATIONAL
UN/NA NUMBER: Not regulated
IMDG/IACO CLASSIFICATION: Not regulated
IATA CLASSIFICATION: Not regulated

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard Status
This product is not considered to be a hazardous substance under OSHA’s Federal Hazard Communication Standard 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) Status
All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory.

15. REGULATORY INFORMATION (Continued)

SARA Title III
Section 302 (EHS): NONE
Section 311/312 (Acute): NONE

RCRA
Not regulated as a hazardous waste under RCRA.

EINECS No.: 2226569

16. OTHER INFORMATION
For more information contact Helen Snow

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