

**6015 SYNERGY™ RED**

Revision date:

NFPA Classification:

Health•

Flammability. Instability

Special Hazards 12/12/03

Date Printed' 02/18/04

HMIS Classification:

0

Health

1

1

Flammability

1

0

Reactivity:

0 Personal Protection:

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V CHEMICAL PRODUCT AND COMPANY? DEffrIPtb71T1N

Chemical Name •

CI Pigment Red

Product Use:

Industrial pigment

**2. COMPOSITION | INFORMATION ON 1Nt REDIENT9~**

Ingredient CAS Number	Weight in Percent (%)	Notes
Industrial Pigment(s) NJTSR E17232		None
NJTSR E10732		None

**3. HAZARDS IDENTIFICATION**

Emeraencv Overview:

Color'

Red

Form'

Dry powder

Odor

Odorless

Flash Point, °C:

Not Applicable

Most Important Hazards: May irritate eyes May cause skin irrtation Inhalation may result in respiratory irritation Overexposure to dust may cause lung damage Harmful if large amounts are swallowed May cause imtation of the mouth, throat and stomach May cause pain, nausea, vomiting and diarrhea

Potential Health Effects:

Inhalation:

Ingestion:  
 Skin Contact: Eye Contact. Carcinogenicity:

Inhalation of dust causes respiratory irritation Overexposure to dust may cause lung damage  
 May cause pain, nausea, vomiting and diarrhea Prolonged or repeated contact  
 may cause skin irritation Dust may cause irritation and inflammation

Ingredient CAS Number	Weight in Percent	NTP (Y/N)	IARC (See Notes)	OSHA (YIN)	ACGIH (See Notes)
Industrial Pigment(s) NJTSR E17232				N	N
NJTSR E10732		N	N	N	A4

Notes

IARC Y1= Carcinogenic to humans, Y2A=Probably carcinogenic to humans, Y2B=Possibly carcinogenic to humans, N3=Not classifiable as to its carcinogenicity, N=Not studied or probably not carcinogenic  
 ACGIH A1=Confirmed human carcinogen, A2= Suspected human carcinogen, A3=Confirmed animal carcinogen, A4=Not classifiable as a human carcinogen, A5=Not suspected as a human carcinogen, N=Not studied

Chronic Health Hazards: Prolonged or repeated exposure to dust or fumes may cause lung injury

Aggravated Medical Conditions Pulmonary disorders Dermal ailments

**4. FIRST AID MEASURES**

Inhalation: Move person to fresh air Aid in breathing, if necessary, and get immediate medical attention  
 Ingestion Get medical attention' If vomiting occurs, keep head lower than hips to prevent aspiration  
 Skin Contact. Flush skin with large amounts of water If irritation persists, get medical attention  
 Eye Contact In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

**5 FIRE FIGHTING MEASURES**

Flash Point, °C: Not Applicable  
 Autoignition Temperature, °C Not Determined  
 Lower Explosive Limit, %: Not Determined  
 Upper Explosive Limit, % Not Determined  
 Extinguishing Media. Water Carbon dioxide Foam  
 Fire Fighting Procedures Positive pressure, self-contained breathing apparatus Wear full protective clothing Water Carbon dioxide Foam

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Unusual Fire and **Explosion** Organic pigments can burn at temperatures above 250°C This product is not readily

Hazards: ignitable Dusty conditions increase the risk of a dust explosion hazard When involved in a fire or exposed to high temperature for an extended period of time, it may burn evolving noxious fumes, which may include oxides of carbon and nitrogen, and other toxic gas and vapors

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures • Contain spillage Use dustless methods such as vacuum and place into closable container for disposal

A HANDLING AND STORAGE

- Keep away from food and feed products
- Keep container closed
- Keep away from heat and sources of ignition
- Avoid generating or breathing dust
- Wash thoroughly after handling
- Avoid contact with eyes, skin and clothing

8. EXPOSURE CONTROLS (PERSONNEL)

Ingredient CAS Number	Weight in Percent	OSHA PEL	ACGIH TLV
Industrial Pigment(s) NJTSR E17232	**	None Established	None Established
NJTSR E10732	**	15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction)	2 mg/m <sup>3</sup> (Respirable fraction)

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only) All ACGIH TLVs refer to the 2003 standards Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants Final Rule, June 30, 1993

Personal Protective **Equipment:** Safety glasses with side shields Wear suitable gloves Wear clean, body-covering clothing

Respiratory Protection: Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely If respiratory protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134)

Ventilation General ventilation Local exhaust ventilation as necessary to control dust, mist, vapor or fumes

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Dry powder  
Color: Red

Odor: Odorless

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Specific Gravity: Min: 1  
Solubility (in water): Dispersible  
pH: Min: 6 Max: 8 (10 % slurry solution)

10. STABILITY AND REACTIVITY

Stability Data: Stable  
Conditions/Hazards to Avoid: Heat Avoid dust formation  
Incompatibility (Materials to Avoid): Strong oxidizing agents

Hazardous Decomposition Products:

Polymerization

Polymerization - Avoid:

Carbon monoxide Oxides of nitrogen Burning may evolve noxious gases, which are toxic and must be removed from the flue gas by appropriate means

None anticipated

None anticipated

11 TOXICOLOGICAL INFORMATION-

Information on

Product: No data available

Information on Components:

Ingredient CAS Number	Weight in Percent	Acute Toxicity - Oral	Acute Toxicity - Inhalation	Acute Toxicity - Dermal	Acute Toxicity - Other
Industrial Pigment(s) NJTSR E17232	**	Not Available	Not Available	Not Available	Not Available
NJTSR E10732	**	> 5,000 mg/kg (rat)	Not Available	Not Available	Not Available

12. ECOLOGICAL INFORMATION

Information on Product:

Environmental Fate: No data available  
Ecotoxicological Information: No data available

13. DISPOSAL CONSIDERATION

**US EPA Waste Number:** Not Regulated

Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected

**14 TRANSPORT INFORMATION**

International Transport Regulations.

US Transportation Regulations.

UN/PIN Number: Not Regulated  
DOT Classification Not Regulated

Canadian Transportation of Dangerous Goods (TDG):  
TOG Classification • Not Regulated

**15. REGULATORY INFORMATION**

International Inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA Inventory  
Canada: This product or one or more of its ingredients are NOT REGISTERED in Canada  
Europe Not Determined  
Japan. Not Determined  
Australia: Not Determined  
Korea • Not Determined

US Federal Regulations:

Ingredient CAS Number	Weight in Percent (%)	Subject to SARA 313 Reporting
NJTSR E10732	**	No

SARA 311/ 312 Hazard  
Categories: Chronic Health  
Hazard

CAA 602 Ozone Depleting Substances (ODS)•  
This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82

VOC Content None

US State Regulations:

VOC Content (CARB). None

Canadian Regulations:

WHMIS  
Classification Not  
Regulated

**16. OTHER INFORMATION`**

Revision number:

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current Copyright License granted to make unlimited copies for internal use only  
End of MSDS

