

Material Safety Data Sheet

According to 91/155 EC

Printing date 10/15/2012

Reviewed on 10/15/2012

1 Identification of the substance/preparation and of the company/undertaking

Product Details

- **Trade Name:** Mixing Black
- **Application of the substance / the preparation:** Colourant Preparation

Manufacturer/Supplier:

CHEMICAL CONSULTANTS, INC.
1850 WILD TURKEY CIRCLE
CORONA, CA 92880-1799 U.S.A.

Telephone**General:** (951) 735 - 5511**Emergency:** INFOTRAC - 800-535-5053

2 Composition/information on ingredients

Name	CAS-No.	Content
Carbon Black	1333-86-4	6-10%
1,2 Propanediol	57-55-6	1-5%

3 Hazards identification

Expected Route of Entry:

Inhalation: No
Skin Contact: Yes
Eye Contact: Yes
Ingestion: No
Skin Absorption: No

Health Effects of Exposure:

Carbon Black (133-86-4) - There are no well demonstrated health effects from exposure. Any adverse properties are most likely due to absorbed impurities. Eye contact may produce conjunctivitis and corneal hypoplasia. Skin contact can produce eczema. Inhalation may result in bronchitis, Any reported carcinogenic effects are most likely due to the presence of traces of polynuclear aromatic compounds (PNA) which are strongly absorbed on the carbon black particles. Evidence indicates that such absorption renders them biologically inactive. Some studies have linked exposure to carbon black dust to lung effects. IARC classifies carbon black as a category 2b carcinogen (known animal carcinogen, possible human carcinogen) Based on inhalation studies. However, the manufacturers of carbon black state that Epidemiological studies of workers in the carbon black industry in the U.S. and W.Europe show no significant adverse health effects due to occupational exposure.

Propylene Glycol (57-55-6) - May cause eye irritation. Skin irritation may occur in sensitive individuals after repeated or prolonged exposure. Chronic excessive ingestion may cause a reduction in red-blood cell count. Standard mutagenicity tests indicate it is not mutagenic or otherwise genotoxic. Reproductive and developmental toxicity studies indicate little or no hazard below maternally toxic doses.

Known Effects on Other Illnesses: pre-existing skin conditions may be aggravated by exposure to this product.

Listed Carcinogen: by the IARC yes

HMIS:

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: B

4 First-aid measures

Inhalation: Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention.

Skin Contact: Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

Ingestion: If ingested, do not induce vomiting. Do not give anything to drink. Contact physician immediately.

Eye Contact: Flush immediately under running water for 15 minutes. If redness or irritation occurs, seek medical attention

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5 Fire-fighting measures

Flashpoint: No flash point - measure made up to the boiling point.**Ignition Temperature:** Not tested.**Hazardous Combustion Products:** In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO) Carbon dioxide (CO₂) Nitrogen Oxides (NO_x)**Extinguishing Media:** Water spray jet, dry powder, carbon dioxide, alcohol-resistant foam**Special Fire Fighting Procedure:** Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.**Unusual Fire and Explosion Hazards:** Emits Highly toxic Fumes under fire conditions

6 Accidental release measures

Steps to be Taken in Case of Spill or Leak: Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbants. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.

7 Handling and storage

Advice on Safe Handling: AVOID contact with skin, eyes, and clothing. Wash thoroughly after handling.**Further info on Storage Conditions:** Store in original container. Keep tightly sealed. Store in a cool, dry, well-ventilated area.

8 Exposure controls/personal protection

Respiratory Protection: Use NIOSHA/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.**Hand Protection:** Butyl Rubber, PVC or Neoprene.**Eye Protection:** Safety glasses or chemical splash goggles.**Other Protective Equipment:** Clothing suitable to prevent skin contact.

9 Physical and chemical properties

Appearance:	Liquid
Colour:	Black
Odour:	Not Specified
pH-Value, Conc. Solution:	Approx. 8
Solubility In Water:	Miscible
Relative Density:	Approx. 1.1 g/cm ³
Boiling Point (°C):	> 212 °F (1,013 hPa)
Vapour Pressure:	N/A
Flash Point(°C):	N/A
Viscosity:	300 mPa.s (20 °C)

10 Stability and reactivity

Thermal Decomposition: >100 °C with dehydration**Chemical Stability:** Stable.

11 Toxicological information

Carcinogenicity: None reported**Acute Oral Toxicity:** LD₅₀ > 2,000 mg/kg Method: 1999/45/EC**Skin Irritation:** Non-irritant**Eye Irritation:** Non-irritant

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12 Ecological information

Biodegradation: This property is substance-specific and therefore cannot be given for the preparation.

Fish Toxicity: N/A

Daphnia Toxicity: N/A

Algae Toxicity: N/A

Bacteria Toxicity: N/A

Remarks: Do not allow to enter soil, waterways or waste water

13 Disposal considerations

Waste Disposal Information: Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

RCRA Hazardous Waste: No -- Not as sold.

14 Transport information

DOT: Not restricted

IATA: Not restricted

IMDG: Not restricted

15 Regulatory information

TSCA: All components of this product are listed on the TSCA Inventory.

SARA (section 311/312):

Reactive Hazard: No

Pressure Hazard: No

Fire Hazard: No

Immediate/Acute: Yes

Delayed/Chronic: No

SARA 313 Information: This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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