

Safety Data Sheet

Colorchem Corporation

Disco 530 Yellow Masterbatch

Revision No: 02

Revision Date: 2/15/2023

Read the entire SDS for a complete hazard assessment.

DISTRIBUTED BY: R.E. CARROLL, INC. EWING, N.J. T: 609-695-6211/800-257-9365 Orders@RECarroll.com

Section 1. Product and Company Identification

1.1 Product Identifiers: Disco 530 Yellow Masterbatch, 530 Yellow M/B

1.2 Substance name: Pigment yellow 14 dispersion in SBR binder

1.3 Recommended use: Colorant

Restrictions on use: Commercial or industrial use only. The manufacturer does not recommend uses involving medical applications or permanent or temporary implantation in the human body, decorative coatings, cosmetics, glassware, food and food packaging and consumer products.

1.4 Manufacturer and Supplier:

Manufacturer

Colorchem Corporation
1010 Greenwood Lake Turnpike
Ringwood, NJ 07456
973.728.7732

1.5 Emergency telephone number:

In the US: For a transport accident or leak, fire or major spill call 973.728.7731
For International assistance: call 973.728.7731

Section 2. Hazards Identification

2.1 Globally Harmonized System (GHS) Hazard Classification:

OSHA Classification in accordance with
29 CFR 1910.1200 (OSHA HCS):

Non-hazardous

GHS Classification:

Non-hazardous

2.2 GHS Label elements including precautionary: Not required

2.3 Symbol/Pictogram:

None

Signal word:

None

Supplemental Hazard Statements:

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.

Get medical attention if symptoms occur.

In case of contact, flush skin or eyes with plenty of temperate water.

OSHA Precautionary Statements:

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection, and face protection.

Wash hands after handling

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2.4 Other hazards which are not included in the classification criteria: None known

Section 3. Composition/Information on Ingredients

3.1 Substances: Not applicable

3.2 Mixture: Mixture

Chemical Name	CAS No.	Content (%)
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(2,1-diazenediyl)]bis[N-(2-methylphenyl)-3-oxo-	5468-75-7	40-60
Benzene, ethenyl-, polymer with 1,3-butadiene	9003-55-8	60 - 40

There are no ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. First-Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Do not leave victim unattended

4.1 Inhalation: If inhaled, move to fresh air. Get medical attention if symptoms occur

4.2 Skin contact: Wash skin with plenty of soap and water. If symptoms persist, seek medical attention. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Thoroughly clean shoes before re-use.

4.3 Eye Contact: Immediately flush eyes thoroughly with water for several minutes. Remove contact lenses after one to two minutes and continue flushing for several more minutes. If redness, itching or burning sensation develops, seek medical attention.

4.3 Ingestion: DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water. Keep respiratory tract clear. Sips of water can be given. If symptoms persist, contact a poison control center, emergency room, or physician for treatment information.

4.4 Acute and delayed symptoms/effects:

Eye Contact: Excessive exposure may irritate eyes. Irritation to the eyes will cause watering and redness.

Skin Contact: May cause mild irritation. Reddening, scaling, and itching are characteristics of skin inflammation.

Ingestion: Harmful effects not anticipated from swallowing small amounts. May be harmful in large amounts.

Inhalation: Excessive exposure may cause irritation to eyes, nose, throat, lungs, and respiratory tract.

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Chronic health effects: This product has no known chronic effects.

Relevant routes of exposure: Eye, skin, inhalation.

4.5 Indication of immediate medical attention and notes for physicians:

Persons with pre-existing skin, eye, or respiratory conditions may be at an increased risk from the irritant properties of this material. Attending physician should treat exposed patients symptomatically.

Section 5. Fire-Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media: Non-Flammable . Use extinguishing media appropriate (water fog, foam, dry chemical powder) to surrounding fire and to protect personnel. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Unsuitable extinguishing media: For this product, no limitations of extinguishing agents are given. Forceful application of fire extinguishing agents or water spray may spread burning material.

5.2 Special hazards arising from the chemical:

Unusual fire and explosion hazards: In the presence of an ignition source, forceful application of fire extinguishing agents may present an explosion hazard due to an assortment of combustible dust sources in the localized area.

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to combustion products of varying composition, which may be toxic and/or irritating.

5.3 Special protective equipment and precautions for firefighters:

Fire Fighting Procedures: Keep personnel away. Isolate fire and deny unnecessary entry. Do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localize fire zone. Dust explosion hazard may result from forceful application of fire extinguishing agents. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Avoid skin and eye contact. Evacuate personnel to safe areas. Spilled material may cause a slipping hazard. Use appropriate safety equipment. See Section 8 for information on personal protection equipment.

6.2 Environmental precautions and protective procedures:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains, sewers, waterways, and/or groundwater.

6.3 Methods and material for containment and cleaning up:

Contain spilled material if possible. Collect in suitable containers which are properly labeled. See Section 13, Disposal Considerations, for additional information.

Section 7. Handling and Storage

7.1 Precautions for safe handling:

Observe good industrial hygiene practices. No smoking, open flames or sources of ignition in handling and storage area. In general, good housekeeping and controlling dust build-up are necessary for safe handling of materials. Avoid breathing process fumes. Use with adequate ventilation. Practice good personal hygiene after using material, especially before eating, drinking, smoking, using the restroom or applying cosmetics. Do not eat, drink or smoke in the work area. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage (including any incompatibilities):

Store in cool place. Avoid heat and ignition sources. Keep container tightly closed in a dry and well-ventilated place. Store in accordance with good manufacturing practices and away from any incompatible materials.

Section 8. Exposure Controls and Personal Protection

8.1 Occupational exposure limits: No exposure limits have been noted for the ingredients.

8.2 Biological limit values: No biological exposure limits are noted for the ingredients.

8.3 Appropriate engineering controls:

Use good general or local exhaust ventilation (typically 10 air changes per hour). Ventilation rates should be matched to conditions, so as to keep airborne concentrations below recommended exposure limits. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

8.4 Personal protective equipment:

Eye protection: Use safety glasses with side shields (or goggles). If there is a potential for exposure to mists which could cause eye discomfort, wear chemical goggles, or use a full-face respirator.

Body protection: Wear clean body-covering clothing to prevent skin exposure. Wear suitable protective clothing.

Hand protection: Contact should be minimized. Protective gloves are recommended when prolonged skin contact cannot be avoided. Selection of gloves will depend on the task and can be recommended by the glove supplier.

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Respiratory protection: Concentration in air determines the level of respiratory protection needed. Use only NIOSH certified respiratory equipment. Respiratory protection is not usually needed unless product is heated or misted. Half-mask air purifying respirator with dust mist filters or HEPA filter cartridges is acceptable for exposures to ten (10) times the exposure limit. Full-face air purifying respirator with dust mist filters or HEPA filter cartridges is acceptable for exposures to fifty (50) times the exposure limit. Protection by air purifying respirators is limited. Use a positive pressure-demand full-face supplied air respirator or SCBA for exposures greater than fifty (50) times the exposure limit. If exposure is above the IDLH (Immediately Dangerous to Life and Health), or there is the possibility of an uncontrolled release, or exposure levels are unknown, then use a positive pressure-demand full-face supplied air respirator with escape bottle or SCBA. Wear a NIOSH-approved (or equivalent) full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

Other: Remove contaminated clothing and wash before reuse. For non fire emergencies, respiratory protection may be necessary and wear appropriate protective clothing to avoid contact with material. Have eyewash station in work area. Do not consume or store food in the work area. Wash hands before smoking or eating.

Section 9. Physical and Chemical Properties

Appearance:	Solid – slab/strip form
Color:	Yellow
Odor:	Mild to none
Odor threshold:	No data available
pH:	No data available
Melting/freezing point:	No data available
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid/gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	No data available
Specific Gravity:	1.20 +/- 0.05
Solubility(ies):	
Solubility (water)	No data available
Partition coefficient: (n-octanol/water)	No data available
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10. Stability and Reactivity

10.1 Reactivity: Stable and under normal conditions of use.

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10.2 Chemical stability: Stable and under normal conditions of use.

10.3 Possibility of hazardous reactions: No hazardous reactions known under conditions of normal use.

10.4 Conditions to avoid: Contact with incompatible materials. Sources of ignition, open flames.

10.5 Incompatible materials: Strong oxidizing agents

10.6 Hazardous decomposition products: Smoke/fumes may contain the original material in addition to combustion products of varying composition, which may be hazardous and/or irritating.

Pigment Yellow 14 is a diarylide pigment. The substance should not be used in polymers if the processing temperature exceeds 200°C because of possible thermal decomposition, which can form traces of aromatic amines. Colorchem Corporation 3,3'-dichlorobenzidine may be formed at temperatures above 200°C.

Section 11. Toxicological Information

11.1 Information on the likely routes of exposure:

Inhalation: No adverse effects due to inhalation are expected.
Skin contact: No adverse effects due to skin contact are expected.
Eye contact: Direct contact with eyes may cause temporary irritation.
Ingestion: Expected to be a low ingestion hazard.
Symptoms related to: Direct contact with eyes may cause temporary irritation
The physical, chemical and toxicological characteristics

11.2 Information on toxicological effects:

Acute toxicity :

Substance	Species	Test Type	Dose
Pigment Yellow 14	Rat	LD50 oral	>5 gm/kg

Skin corrosion/irritation: May cause mild skin irritation.
Serious eye damage/irritation: Eye contact may result in mild, temporary irritation.
Inhalation: This material may cause mild respiratory tract irritation.
Respiratory sensitization: Not known to be a respiratory sensitizer.
Skin sensitizer: Not known to be a respiratory sensitizer.
Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.

Specific target organ toxicity (STOT):

STOT-single exposure The substance or mixture is not classified as specific target organ toxicant, single exposure.

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STOT-repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

11.3 Carcinogenicity:

This product does not contain any material at > 0.1% that is listed by IARC, NTP, or OSHA as a carcinogen.

Section 12. Ecological Information

12.1 Mobility:

No information available.

12.2 Aquatic and terrestrial ecotoxicity:

No information available.

12.3 Persistence and degradability:

No information available.

12.4 Bioaccumulative potential:

No information available.

12.5 Other adverse effects:

No information available

Section 13. Disposal Considerations

13.1 Disposal methods:

Uncontaminated discarded product is not a hazardous waste under RCRA. Do not dispose material into any sewers, on the ground or into any body of water. All disposal practices must comply with all federal, state, and local laws and regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this

13.2 Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue. Empty containers may be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport Information

14.1 UN number:

Not regulated.

14.2 UN proper shipping name:

Not regulated

14.3 Transport hazard class:

Not regulated.

14.4 Packing group (if applicable):

Not regulated.

14.5 Marine Pollutant (Yes/No):

No information available

14.6 Special precaution:

No information available.

Section 15. Regulatory Information**U.S. Regulations****15.1 US TSCA inventory:**

All chemical substances in this product comply with all rules or orders under TSCA. All intentionally added ingredients either are listed on the active TSCA Inventory list or exempt from listing.

15.1 SARA Section 311/312 Hazard Categories:

Not a GHS or OSHA 29 CFR 1910.1200 hazardous material.

15.2 CERCLA Hazardous Substance SARA Section 304 Release Reporting:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

15.3 SARA Section 302 Extremely Hazardous Substances:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

15.4 SARA Section 313 Toxic Chemicals:

This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

15.5 California Proposition 65:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Section 16. Other Information**16.1 NFPA and HMIS Hazard Ratings:**

We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, the customer must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system.

Key: 0 = least, 1 = slight, 2 = moderate, 3 = high, 4 = extreme

NFPA (National Fire Protection Association) - Classification

Health	1 slight
Flammability	1 minimal
Instability or Reactivity	0 minimal
Special Hazards	none

HMIS® [Hazardous Materials Identification System (Paint & Coating)] - Classification

Health	1 slight
Flammability	1 minimal
Reactivity	0 minimal

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NFPA, HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered. This information is supplied solely for the use of individuals trained in the particular hazard rating system.

16.2 Revision information:

Date of the previous revision:	January 2023 (Version 1)
Date of this revision:	Feb-15-2023 (Version 2.0)
Revision summary:	Revised GHS/OSHA compliant SDS
Prepared by:	Colorchem Corp.

16.3 Training advice: Provide adequate information, instruction and training for operators.

16.4 Key or legend to abbreviations and acronyms used in the safety data sheet:

ACGIH	American Conference of Governmental Industrial Hygienists
BEI	Biological Exposure Index
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
ppm	parts per million
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
REL	Recommended exposure limits from NIOSH
NIOSH	National Institute for Occupational Safety and Health
Action Level	An exposure value set by OSHA that is lower than the PEL that will trigger the need for activities such as exposure monitoring and medical surveillance.

16.5 Declare to reader: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.