Hair Dye Copper

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 12/09/2019
Supersedes: 06/08/2016

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Hair Dye Copper
Synonyms: No data available
INCI Name: Basic yellow 57, basic red 51, basic brown 16, polyquaternium 37, hydrolyzed yeast protein
CAS Number: 68391-31-1, 77061-58-6, 26381-41-9, 26161-33-1, 100684-36-4
Formula: No data available
Product Form: Powder
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Skin Sens. 1: May cause an allergic skin reaction.
Comb. Dust: May form combustible dust concentrations in air.

GHS Signal Word: WARNING

GHS Hazard Pictograms:

GHS Hazard Statements: H317: May cause an allergic skin reaction.
USH003: May form combustible dust concentrations in air.

GHS Precautionary Statements:
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P321: Specific measures (see supplemental first aid instructions on this label or in the SDS).
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.
P501: Dispose of contents/container in accordance with all applicable regulations.

Potential Health Hazards:
Eyes: Not expected to be irritant.
Inhalation: Not expected to be irritant.
Skin: Not expected to be irritant.
Ingestion: Not expected to be irritant.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

This mixture has not been tested as a whole. It contains ingredients which could be released from the mixture in concentrations which would exceed established OSHA permissible exposure limit or ACGIH Threshold Limit Value, or could present a health risk to employees.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Classification
Basic Brown 16	26381-41-9	Not Available	Skin Sens. 1, H317
2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride	77061-58-6	Not Available	Acute Tox. 4, H302 Aquatic Chronic 2, H410 Aquatic Acute 2, H400

Composition of ingredients is proprietary and thus not available.

4 FIRST AID MEASURES

Eyes: Wash immediately with water for at least 15 minutes. Get medical attention if necessary.

Inhalation: If inhaled, remove from area to fresh air, and keep warm and at rest. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Skin: Immediately take off all contaminated clothing and shoes. Immediately remove any contaminated clothing, shoes, or stockings.

Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention, showing the SDS and label hazardous.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.

Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Flash Points: No data available

Specific hazards arising from the chemical: Do not inhale explosion and combustion gases. Burning produces heavy smoke.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Avoid contact with skin and eyes, inhalation of vapors and mists. Do not use empty container before cleaning thoroughly. Before making transfer operations, assure that there are no incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Hair Dye Copper	Not available		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Use close fitting safety goggles, do not use contact lenses.

Inhalation: Control worker exposure to below detectable levels. However, if adequate ventilation is not available, us a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust.

Body: Use protective gloves that provide comprehensive protection, e.g. PVC, neoprene, or rubber. Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC, or synthetic rubber.

Other: Do not take internally. Do not eat or drink when handling. Provide eyewash stations, quick-drench showers and

washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellowish-orange powder	**Vapor Pressure @ 20°C:**	No data available
Odor:	Characteristic	**Vapor Density @ 20°C:**	No data available
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	Yellowish-orange	**Flammability:**	No data available
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	No data available	**Flash Point:**	No data available
Boiling Point:	No data available	**Specific Gravity:**	No data available
Melting Point:	No data available	**Solubility in Water:**	Soluble
Relative Density:	No data available	**Auto-Ignition Temperature:**	No data available
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available
Viscosity @ 20°C:	No data available	**Explosive Properties:**	No data available
Oxidizing Properties:	No data available	**Freezing Point:**	No data available
% Volatile by Volume:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	No data available
Hazardous Polymerization:	No data available
Conditions to Avoid:	Stable under normal conditions of temperature and pressure.
Incompatible Materials:	Avoid strong oxidizing agents, peroxides, acids, and alkali metals.
Hazardous Decomposition Products:	Burning produces carbon monoxide and/or carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: Oral LD50: >2000.00000 mg/kg Basic Brown 16: Skin LD50: >2000.00000 mg/kg Oral LD50: >1000.00000 mg/kg Sub-acute to Chronic: NOAEL: 33 mg/kg bw/day
Skin:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: Not expected to be skin irritant. Basic Brown 16: Not expected to be a skin irritant.
Eyes:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: Causes eye irritation (OECD 405). Basic Brown 16: Not expected to be an eye irritant.
Respiratory:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: Not expected to be respiratory irritant (OECD 406).
Ingestion:	No data available
Carcinogenicity:	No components in this mixture are listed as carcinogens.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: 10.00000 mg/kg (24h) (OECD 408) (no observed adverse effect)
Respiratory/Skin Sensitization:	Basic Brown 16: Not expected to be skin sensitizer.
Corrosivity:	No data available
Sensitization:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: Not expected to be sensitizing or irritating to the skin.
Irritation:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: Not expected to be sensitizing or irritating to the skin.
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	No data available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: Not readily biodegradable.
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	No data available
DOT (Dept. of Transportation, UN):	No data available
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	No data available
IATA (International Air Transport Association):	No data available
ICAO (International Civil Aviation Organization):	No data available
ADR (International Carriage of Dangerous Goods by Road:	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	2-[[4-(Dimethylamino)phenyl]azo]-1,3-dimethyl-1H-imidazolium chloride: listed, Section 8B. Basic Brown 16: listed, Section 8B
DSCL (EEC):	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.
WHMIS (Canada):	Not listed
EU EINECS/ELINCS/NLP:	Not listed
China IECSC:	Not listed
China IECIC (06.30.2014):	Not listed
Australia AICS:	Not listed
New Zealand NZIoC:	Not listed

16 OTHER INFORMATION

Revision Date:	12/09/2019
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This 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 other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.