

Safety Data SheetIssue date: 9/25/2017
Revision date: 9/19/2023**1. Chemical product and company identification****Product identifier**

Trade name	:	MONO Edge Highlighter
Product code	:	56410(Golden Yellow), 56411(Pink), 56412(Red), 56413(Sky Blue), 56414(Purple), 56415(Yellow Green)
Trade name	:	MONO Edge Highlighter 3pk
Product code	:	66420
Trade name	:	MONO Edge Highlighter 3pk
Product code	:	66421
Trade name	:	MONO Edge Highlighter 6pk
Product code	:	66422

Recommended use of the chemical and restrictions on use

Recommended uses and restrictions	:	Marking Pen
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Company information

Manufacturer
Tombow Pencil Co., Ltd.
6-10-12, Toshima, Kita-ku, Tokyo, 114-8583, Japan
TEL: +81-3-3912-1196
FAX: +81-3-3912-1371
Distributor
American Tombow, Inc.
355 Satellite Boulevard N.E., Suite 300, Suwanee, GA 30024, U.S.A.
TEL: +1-678-318-3344
FAX: +1-678-318-3347

Emergency telephone number

CHEMTREC
United States: 800-424-9300 24 hours everyday
International: +1-703-527-3887(Collect) 24 hours everyday

2. Hazards identification**Classification**

Health hazards	Skin sensitization	Category 1 (All colors)
Environmental hazards	Hazardous to the aquatic environment, short-term (acute)	Category 3 (All colors)
	Hazardous to the aquatic environment, long-term (chronic)	Category 3 (All colors)

Hazard pictograms



Signal word	:	Warning
H-statements	:	May cause an allergic skin reaction. (H317) (All colors) Harmful to aquatic life with long lasting effects. (H412) (All colors)

Precautionary statements



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- Prevention** : Avoid breathing dust/fume/gas/mist/vapours/spray. (P261)
 Contaminated work clothing should not be allowed out of the workplace. (P272)
 Avoid release to the environment. (P273)
- Response** : Wear protective gloves/protective clothing/eye protection/face protection. (P280)
 IF ON SKIN: Wash with plenty of water. (P302+P352)
 Specific treatment (see supplemental first aid instruction on this label). (P321)
 If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)
 Take off contaminated clothing and wash it before reuse. (P362+P364)
- Disposal** : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. (P501)

3. Composition/information on ingredients

Product form : Mixture

Name	CAS-No.	Concentration (%)
Water	7732-18-5	Undisclosed
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, chloride	2390-60-5	Undisclosed
Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone	55965-84-9	Undisclosed
Others	Undisclosed	Undisclosed

Others are not contributing to the classification of this product.

Article : PP, etc.

4. First aid measures

First aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water.
 Take off contaminated clothing.
 If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed

- Symptoms/effects after skin contact : May cause an allergic skin reaction.

Other medical advice or treatment

- Other medical advice or treatment : Treat symptomatically.

5. Fire fighting measures

- Suitable extinguishing media : Water spray, Dry powder, Foam, Carbon dioxide
- Hazardous decomposition products in case of fire : Toxic fumes may be released
- Protection during firefighting : Do not attempt to take action without suitable protective equipment.
 Self-contained breathing apparatus.
 Complete protective clothing.

6. Accidental release measures**For non-emergency personnel**

Emergency procedures : Ventilate spillage area.
Avoid contact with skin and eyes.
Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.
For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions

Environmental precautions : Avoid release to the environment.

Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

7. Handling and storage**Handling**

Precautions for safe handling : Ensure good ventilation of the work station.
Avoid contact with skin and eyes.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear personal protective equipment.
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace.
Wash contaminated clothing before reuse.
Do not eat, drink or smoke when using this product.
Always wash hands after handling the product.

Storage

Storage conditions : Store in a well-ventilated place.
Keep cool.

8. Exposure controls / Personal protection equipment

Appropriate engineering controls : Ensure good ventilation of the work station
Environmental exposure controls : Avoid release to the environment.

9. Physical and chemical properties

Physical state : Liquid
Colour : No data available
Odour : Slight
Odour threshold [ppm] : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : Not applicable
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Auto-ignition temperature : No data available



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Decomposition temperature	:	No data available
Flammability	:	Not applicable
Explosive limits (g/m ³)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, dynamic:	:	No data available
Viscosity, kinematic:	:	No data available

10. Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	None under recommended storage and handling conditions (see section 7).
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	classification not possible (gas) classification not possible (vapours) classification not possible (dust, mist)
Skin corrosion/irritation	:	Not classified
Serious eye damage/irritation	:	Not classified
Respiratory sensitization	:	classification not possible
Skin sensitization	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	classification not possible
Carcinogenicity	:	classification not possible
Reproductive toxicity	:	classification not possible
STOT-single exposure	:	classification not possible
STOT-repeated exposure	:	classification not possible
Aspiration hazard	:	classification not possible

12. Ecological information

Ecology - general	:	Harmful to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	:	Harmful to aquatic life
Hazardous to Aquatic Environment - Chronic Hazard	:	Harmful to aquatic life with long lasting effects.
Hazardous to the ozone layer	:	classification not possible
Other adverse effects	:	No additional information available

13. Disposal considerations

Waste treatment methods	:	Dispose in a safe manner in accordance with local/national regulations.
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14. Transport information

UN number	:	Not applicable
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Proper Shipping Name	:	Not applicable
Packing group	:	Not applicable
Transport hazard class(es)	:	Not applicable
Danger labels	:	Not applicable
Special provisions	:	Not applicable
Marine pollutant	:	No
Special transport precautions	:	Keep out of direct sunlight.Store in tightly closed, leak-proof containers.

15. Regulatory information

TSCA	:	All components of this product are listed, or excluded from listing, on the TSCA inventory.
California Proposition 65	:	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm or has been assessed to be below OEHHA Safe Harbor exposure levels.
Observe local/regional/national/international regulation.A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.		

16. Other information

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable