

25334-1504

Project Code: CRX2019-4012

Date: 3/21/2019

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## SAFETY DATA SHEET

### 4012 Reducer

#### 1. Identification of the Preparation and of The Company

Product Name and/or code:	4012 REDUCER
Effective Date:	March 21, 2019 (Updated 5/24/2019)
Manufacturer:	Color Craft Ltd / Createx Colors 14 Airport Park Road, PO Box 120 East Granby, CT 06026
Information Contact:	860-563-5505
Emergency Contact:	860-563-5505
Chemtrec (24 hours)	Contact your local Poison Control Center.
Product Use:	Art Material – Consumer Product

#### 2. Hazards Identification

*Classification of the Product:*

*Pictograms (GHS)*



GHS07

*Children Statement*

**Label Elements (USA)**

**KEEP OUT OF REACH OF CHILDREN.**

Conforms to ASTM D-4236 **(USA)**

#### Emergency Overview

CAUTION! EYE IRRITANT.

*Signal Word Code (USA)*

*Hazard Statement*

*Precaution Statement*

*NFPA Rating*

*HMIS Rating*

**Regulation (EC) No. 1272/2008**

*Signal Word Code (CLP Labelling)*

*H- Statements*

*P-Statements*

CAUTION!

EYE IRRITANT.

Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Health: 1

Flammability: 0

Reactivity: 0

Health: 1

Flammability: 0

Reactivity: 0

**Classification for the mixture under CLP Labelling:**

Warning

Causes serious eye irritation (H319)

Wash thoroughly after handling (P264); Wear eye protection. (P280); IF IN EYES: rinse cautiously with water for several minutes. (P305, P351); Remove contact lenses, if present and easy to do. Continue rinsing. (P338); If eye irritation persists: Get medical attention. (P337, P313).

#### 3. Composition/Information on Ingredients:

**Substances:**

Mixture of the following chemicals:

2-Butoxyethanol (CAS No. 111-76-2) --- 5.0 - 9.5 %

***The remainder of the formulation is composed of non-hazardous ingredients.***



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*Regulation (EC) No. 1272/2008 (CLP)*

*Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.*

#### 4. First Aid Measures

Inhalation	If affected, remove to fresh air.
Skin Contact	Wash the affected area thoroughly with plenty of soap and water.
Eye Contact	Carefully flush with water for 15 minutes, call a physician. Seek medical assistance if irritation persists.
Ingestion	Drink water or milk to dilute. Do not induce vomiting. Contact a physician.

#### 5. Firefighting Measures

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	This product is not known to present any fire hazard.
Flashpoint/Flammability	Not flammable

#### 6. Accidental Release Measures

Environmental precautions	No product should be released to the environment.
Methods and Materials for Containment and Cleaning up	Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.

#### 7. Handling and Storage

Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage.
Storage	Store between 50-100 deg. F., ideally 70 deg. F.

#### 8. Exposure Controls/Personal Protection

Personal Protective Equipment	Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.
Exposure Limits (USA)	Not established for product as a mixture. Exposure limits for <b>2-Butoxyethanol</b> below: OSHA PEL for 2 -Butoxyethanol is a 50 ppm TWA (240 mg/m3). Per ACGIH, the value is 20 ppm TWA, and per NIOSH is 700 ppm IDLH.
Respiratory and Ventilation	Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.
Skin Protection	Wear water resistant impervious gloves if handling bulk amounts.
Eye Protection	Wear goggles where spills or splashing may occur.

#### 9. Physical and Chemical Properties

Appearance	Clear liquid
Physical State	Liquid
VOC Content	36.1 g/L Regulatory
Solids Percentage	0.13
Color	Colorless
Odor	Ether-like odor



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Boiling Point	Not determined
Freezing Point	Not determined
State (pH)	No data available
Specific Gravity	No data available
Viscosity	No data available
Flashpoint	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Solubility in water	Miscible

#### 10. Stability and Reactivity

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Avoid all sources of ignition.
Incompatible materials	Strong oxidizing agents, strong acids, strong bases, amines,
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.

#### 11. Toxicological Information

Health Effects	None known for the usual and ordinary use of this product.
Eye Effects	Eye irritant
Skin Effects	No effects are likely to occur during the foreseeable and reasonable use of the product.
Sensitization	No effects are likely to occur during the foreseeable and reasonable use of the product.
Inhalation	No effects are likely to occur during the foreseeable and reasonable use of the product.
Toxicity:	No effects are likely to occur during the foreseeable and reasonable use of the product.
<u>Additional Toxicological Information:</u>	When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided by the manufacturer.

*\*Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients.*

2-Butoxyethanol (literature value) : LD50 Oral - 1,746 mg/kg (Rat); LD50 Dermal - > 2,000 mg/kg (Rat); LC50 Inhalation - 700 PPM; 7h (Rat).

#### 12. Ecological Information

Toxicity:	Not expected to be harmful to the environment.
Aquatic toxicity	Non- hazardous to water.
Persistence and degradability	Not persistent. Biodegradable. <i>Not relevant to this mixture.</i>
Bio accumulative potential	Does not occur. <i>Not relevant to this mixture.</i>
Mobility in soil	Mixture is similar to water. <i>Not relevant to this mixture.</i>
PBT and vPvB	This mixture is not PBT/vPvB
Additional ecological information	As a general rule, no product should be released to the environment.

#### 13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations.

#### 14. Transport Information

*The following transportation categories do not apply to this mixture sold as a consumer use product (non-bulk).*

**DOT Non-Bulk**



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Shipping Name	Not regulated
Technical Shipping Name	Not regulated
Hazard Class	Not regulated
UN Number	Not regulated
Packing Group	Not regulated

**IMDG**

Shipping Name	Not regulated
Technical Shipping Name	Not regulated
Hazard Class	Not regulated
UN Number	Not regulated
Packing Group	Not regulated
EmS Number	Not regulated
Marine Pollutant	Not regulated

**ICAO/IATA**

Shipping Name	Not regulated
Technical Shipping Name	Not regulated
Hazard Class	Not regulated
UN Number	Not regulated
Packing Group	Not regulated
Marine Pollutant	Not regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

<b>15. Regulatory Information</b>
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Safety, health and environmental regulations/legislation specific for the substance or mixture.

<i>SARA</i>	Not applicable to this mixture.
Section 355 (extremely hazardous substances)	Not applicable to this mixture.

Section 313 (Specific toxic chemical listing)	2-Butoxyethanol (Reporting Threshold 1%)
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TSCA (Toxic Substance Control Act)	All ingredients are listed.
<b>California Proposition 65</b>	As of 3/21/2019 this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at concentrations which would require a warning under the statute.

<b>Carcinogenicity categories</b>	Not applicable to this mixture.
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EPA (Environmental Protection Agency)	Not applicable to this mixture.
TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture.
MAK (German Maximum Workplace Concentration)	Not applicable to this mixture.
NOISH-Ca (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA-Ca (Occupational Safety & Health Administration)	Not applicable to this mixture.

#### 16. Other Information

Prepared by: Rudolph J. Jaeger, Ph.D., DABT, ERT (UK)  
 Chief Toxicologist and President  
 ENVIRONMENTAL MEDICINE, INC.  
 778 Carver Avenue  
 WESTWOOD, NJ 07675  
 jaegerr@envmed.com  
 201-666-7929 x13

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#### Abbreviations and acronyms:

##### NFPA (SCALE 0-4) National Fire Protection Association (USA)

Health: 1 - Caution. May be irritating.

Fire: 0 - Not combustible.

Reactivity: 0 - Stable. Not reactive when mixed with water.

##### HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)

Health: 1 - Slight hazard: Irritation or minor reversible injury possible.

Fire: 0 - Minimal hazard: Materials that will not burn.

Reactivity: 0 - Minimal hazard: This material is normally stable, even under fire conditions and will not react with water,

#### Exposure Limits

TWA - Time Weighted Average (8 hr.)

STEL - Short Time Exposure Limit (15 min.)

REL - Recommended Exposure Limit

PEL - Permissible Exposure Limit

IDLH - Immediately Dangerous to Life or Health

ACGIH - Association Advancing Occupational and Environmental Health

EPA - Environmental Protection Agency