



4012 HIGH PERFORMANCE REDUCER

SAFETY DATA SHEET

CRE2016-101
MAY 31, 2016

4012 HIGH PERFORMANCE REDUCER

1. Identification of the Preparation and of The Company

Product Name and/or code: 4012 HIGH PERFORMANCE REDUCER
 Effective Date: May 16, 2016
 Manufacturer: Color Craft Ltd/ Createx Colors/ Auto-Air Colors/ Wicked Colors
 14 Airport Park Road, PO Box 120
 East Granby, CT 06026
 Information Contact: 860-653-5505
 Emergency Contact: 860-653-5505
 Contact your local Poison Control Center.
 Product Use: Art Material – Consumer Product

2. Hazards Identification

Emergency Overview

CAUTION! EYE IRRITANT.

Classification of the Product: Hazardous product

Pictograms



GHS 07

Signal Word Code(s)

CAUTION!

Hazard Statement

EYE IRRITANT.

Precaution Statement

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

Children Statement

KEEP OUT OF REACH OF CHILDREN.

NFPA Rating

Health 1
Flammability 0

HMIS Rating

Reactivity 0 – Stable
Health 2 – Moderate Hazard
Flammability 0 - Minimal Hazard
Physical Hazard 0 – Minimal Hazard

Regulation (EC) No. 1272/2008

Eye Irritant 2 (H319)

3.Composition/Information on Ingredients:

Substances:

Mixture of the following chemicals:

2-Butoxyethanol (CAS No. 111-76-2) ----10.00-15.00%
Ethylene glycol (CAS 107-21-1) ----- Less than 1%
The remainder of the formulation is composed of non hazardous ingredients.

Risk and Safety Phrases:



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Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and according to DSD (Dangerous Substances Directive (67/548/EEC)) and DPD (Dangerous Preparations Directive (1999/45/EC)). These ingredients are regarded as trade secrets.

4. First Aid Measures

Inhalation	If affected, remove to fresh air.
Skin Contact	Wash thoroughly with soap and water, call a physician if symptoms persist.
Eye Contact	Carefully flush with water for 15 minutes, call a physician.
Ingestion	If swallowed, DO NOT induce vomiting, call a physician.

5. Firefighting Measures

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Fire/Explosion Hazards	Not applicable
Flashpoint/Flammability	Not flammable

6. Accidental Release Measures

Environmental precautions	This product should not be released in 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. Do not eat, drink or smoke when and after use. After use, always wash hands thoroughly with soap and water. Keep container closed when not in use. Keep container upright to prevent leakage.
Storage	Store containers in a cool, dry, well ventilated area. Keep away from heat and other sources of ignition.

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	Not established for product as a whole. Below please find information for the individual hazardous ingredients. Please see legend on Section 16.
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.



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Skin Protection Wear water resistant impervious gloves if handling bulk amounts.

Eye Protection Wear goggles where spills or splashing may occur.

Occupational Exposure Limits

2-Butoxyethanol	US (ACGIH)	TWA	20 ppm
	US (OSHA)	TWA	50 ppm (240 mg/m ³)
	US (NIOSH)	IDLH	700 ppm
Ethylene Glycol	US (ACGIH)	CEILING	100 mg/m ³ aerosol only

9. Physical and Chemical Properties

Appearance Clear liquid

Physical State Liquid

VOC Content 6.355 g/L (calculated)

Color Colorless

Odor Strong smell. (Pungent, ether - like)

Boiling Point Not determined (Glycol Ether- 169 °C)

Freezing Point Not determined (Glycol Ether = -70 °C,)

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

Chemical Stability Stable

Conditions to Avoid Avoid all sources of ignition.

Incompatible materials Strong oxidizing agents, strong acids, strong bases, amines, ammonia, halogenated compounds.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide.

11. Toxicological Information

Health Effects Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients only.

Oral LD50 > 5,000 mg/kg (rats)

Inhalation No data

Dermal Not a skin sensitizer

Eye Irritation Eye irritant

Skin Irritation Not a skin irritant

12. Ecological Information

Aquatic toxicity Toxic to aquatic life with long lasting effects.



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Persistence and degradability	No information available.
Bio accumulative potential	No information available.
Mobility in soil	No information available.
Additional ecological information	No information available.

13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations. This product waste is classified as hazardous waste by RCRA (40 CFR 261).

14. Transport Information

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

DOT Non-Bulk	This regulation does not apply to the non-bulk material.
Shipping Name	Not applicable to the mixture.
Technical Shipping Name	Not applicable to the mixture.
Hazard Class	Not applicable to the mixture.
UN Number	Not applicable to the mixture.
Packing Group	Not applicable to the mixture.
IMDG	
Shipping Name	Not applicable to the mixture.
Technical Shipping Name	Not applicable to the mixture.
Hazard Class	Not applicable to the mixture.
UN Number	Not applicable to the mixture.
Packing Group	Not applicable to the mixture.
EmS Number	Not applicable to the mixture.
Marine Pollutant	Not applicable to the mixture.
ICAO/IATA	
Shipping Name	Not applicable to the mixture.
Technical Shipping Name	Not applicable to the mixture.
Hazard Class	Not applicable to the mixture.
UN Number	Not applicable to the mixture.
Packing Group	Not applicable to the mixture.
Marine Pollutant	Not applicable to the mixture.

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.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA	Not applicable
Section 355 (extremely hazardous substances)	Not applicable



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Section 313 (Specific toxic chemical listing) 2-Butoxyethanol (Reporting Threshold 1%)

TSCA (Toxic Substance Control Act)
Proposition 65

All ingredients are listed.
As of May 31, 2016 this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

Chemicals known to cause cancer
Chemicals known to cause reproductive toxicity for females

None of the ingredients are listed
None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males

None of the ingredients are listed

Chemicals known to cause developmental toxicity

None of the ingredients are listed

Carcinogenicity categories

EPA (Environmental Protection Agency)

None.

TLV (Threshold Limit Value established by ACGIH)

None.

MAK (German Maximum Workplace Concentration)

None.

NOISH-Ca (National Institute for Occupational Safety & Health)

None.

OSHA-Ca (Occupational Safety & Health Administration)

None.

16. Other Information

Reason for Issue:

GHS Format

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Abbreviations Legend:

H Statements

H319 - Causes serious eye irritation.

Exposure Limits

TWA - Time Weighted Average (8 hr.)

PEL - Permissible Exposure Limit

STEL - Short Time Exposure Limit (15 min.)

IDLH - Immediately Dangerous to Life or Health

REL - Recommended Exposure Limit