

**SAFETY DATA SHEET**
4022 REDUCER

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1. Identification of the Preparation and of The Company

1.1 Product Name and/or code: 4022 REDUCER
Effective Date: April 27, 2015
Revision Date: May 24, 2019

1.2 Manufacturer: Color Craft Ltd / Createx Colors
14 Airport Park Road, PO Box 120
East Granby, CT 06026
860-563-5505

Information Contact: 860-563-5505

1.3 Emergency Contact: 800-255-3924
813-248-0573

Emergency Response Service: ChemTel Inc.
1305 North Florida Avenue
Tampa, FL 33602 USA
813-248-0573
www.chemtelinc.com

Contract Number: MIS4120068

Within the United States, Canada, Puerto Rico, and the U.S. Virgin Islands: 1-800-255-3924

Outside the United States, Canada, Puerto Rico, and the U.S. Virgin Islands: +01-813-248-585
China: 400-120-0751
Brazil: 0-800-591-6042
India: 000-800-100-4086
Mexico: 01-800-099-0731

For Health Emergencies: Contact your local Poison Control Center.

1.3 Emergency Contact: Art Material – Consumer Product

2. Hazards Identification**Emergency Overview**

WARNING! FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRE. IRRITANT.

2.1 Classification of the Product:**Label Elements**

Conforms to ASTM D-4236 (USA)

Pictograms (GHS)



GHS02



GHS07

Signal Word Code (USA)

WARNING!

Hazard Statement

May be harmful if swallowed. Vapors may be harmful. May affect the brain or nervous system causing dizziness, headache or nausea.

Precaution Statement

VAPORS MAY IGNITE EXPLOSIVELY. USE ADEQUATE VENTILATION. Keep from heat, sparks and flame. Do not smoke. Extinguish all flames, pilot lights and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors. Do not breathe vapors.

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Children Statement

KEEP OUT OF REACH OF CHILDREN.**2.2 Other hazards**

NFPA

Health: 2

Flammability: 3

Reactivity: 0

HMIS

Health: 2

Flammability: 3

Physical Hazard: 0

2.3 Regulation (EC) No. 1272/2008*Signal Word Code (CLP Labelling)**H-Statements***Classification for the mixture under CLP Labelling:**

Danger

Highly flammable liquid and vapour (H225); Causes serious eye irritation (H319); May cause respiratory irritation (H335); May cause drowsiness or dizziness (H336)

P-Statements

Wash thoroughly after handling (P264); Keep away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. (P210); Keep container tightly closed. (P233); IF INHALED: remove person to fresh air and keep comfortable in breathing. 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); Call POISON CENTER if you feel unwell. Do NOT induce vomiting. (P312).

3. Composition/Information on Ingredients:**3.1 Substances:**

Mixture of the following chemicals:

Acetone (CAS No. 67-64-1) ----< 15.0 %

2-Butoxyethanol (CAS No. 111-76-2) ---- < 15.0 %

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

*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****4.1 Description of 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. Seek medical assistance if irritation persists.

Ingestion

If swallowed, DO NOT induce vomiting, call a physician.

5. Firefighting Measures**5.1 Extinguishing Media**

Water, foam, carbon dioxide or dry chemical equipment.

5.2 Fire/Explosion Hazards

Flash back possible over considerable distance.

5.3 Flashpoint/Flammability

70° F

6. Accidental Release Measures

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6.1 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**7.1 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

7.2 Environmental precautions

No product should be released to the environment. Keep container closed when not in use. Keep container upright to prevent leakage.

7.3 Storage

Store containers in a cool, dry, well ventilated area. Keep away from heat and other sources of ignition.

8. Exposure Controls/Personal Protection**8.1 Personal Protective Equipment**

Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.

8.2 Exposure Limits (USA)

Below please find information for the individual hazardous ingredients.

Component	Source	Type	Value
Acetone	US (ACGIH)	TWA	500 ppm
		STEL	750 ppm
	US(NIOSH)	REL	250 ppm (590 mg/m ³)
	US (OSHA)	PEL	1,000 ppm (2,400 mg/m ³)
	US (OSHA)	TWA	750 ppm (1,800 mg/m ³)
	US(OSHA)	STEL	1,000 ppm (2,400 mg/m ³)
	EU indicative Exposure and Directive	TWA	500 ppm (1,210 mg/m ³)
2-Butoxyethanol	US (ACGIH)	TWA	20 ppm
	US (OSHA)	TWA	50 ppm (240 mg/m ³)
	US (NIOSH)	IDLH	700 ppm

8.3 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**9.1 Information on basic physical and chemical properties****Appearance**

Clear liquid

Physical State

Liquid

Color

Colorless

Odor

Strong smell. (Pungent, ether - like)

Boiling Point

Not determined (2-Butoxyethanol - 169 °C, Acetone - 56.2 °C)

Freezing Point

Not determined (2-Butoxyethanol = -70 °C, Acetone = -95.35 °C)

State (pH)

No data available

Specific Gravity

No data available

Viscosity

No data available

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Flashpoint	70 °F
Vapor Pressure	Not determined
Vapor Density	Not determined
Solubility in water	Miscible
9.2 other information	
VOC Content	11.3 g/L Regulatory
Solids percentage	0.17

10. Stability and Reactivity

10.1 Reactivity	Stable
10.2 Chemical Stability	Stable under recommended storage conditions.
10.3 Conditions to Avoid	Avoid all sources of ignition.
10.4 Incompatible materials	Strong oxidizing agents, strong acids, strong bases, amines, ammonia, halogenated compounds.
10.5 Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.

11. Toxicological Information

11.1 Information on toxicological effects	
Health Effects	None known for the usual and ordinary use of this product.
Acute Toxicity	Eye irritant. May skin, nose and throat irritation.
Eye Effects	Eye irritant.
Skin Effects	May cause skin irritation. 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	May cause nose and throat irritation. No effects are likely to occur during the foreseeable and reasonable use of the product. Vapors may be harmful.
Toxicity:	May be harmful if swallowed. May affect the brain or nervous system causing dizziness, headache or nausea.
<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.*

Acetone (literature value) : LD50 Oral - 5,800 mg/kg (Rat); LD50 Dermal - 20,000 mg/kg (Rabbit); LC50 Inhalation - 20 mg/l; 4h (Rat).

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

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

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This regulation does not apply to the non-bulk material.

Shipping Name

Not regulated.

Technical Shipping Name

Not regulated.

Hazard Class

Not regulated.

UN Number

Not regulated.

Packing Group

Not regulated.

ICAO

UN-No. UN1993

Proper Shipping Name Flammable liquid, n.o.s.

Hazard Class 3

Packing Group II

Description UN1993, Flammable liquid, n.o.s. (Acetone), 3, II

IATA

UN-No. UN1993

Proper Shipping Name Flammable liquid, n.o.s.

Hazard Class 3

Packing Group II

Description UN1993, Flammable liquid, n.o.s. (Acetone), 3, II

IMDG/IMO

UN-No. UN1993

Proper Shipping Name Flammable liquid, n.o.s.

Hazard Class 3

Packing Group II

Description UN1993, Flammable liquid, n.o.s. (Acetone), 3, II

14.2 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****15.1** Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA

Not applicable

Section 355 (extremely hazardous substances)

Not applicable

Section 313 (Specific toxic chemical listing)

2-Butoxyethanol (Reporting Threshold 1%)

TSCA (Toxic Substance Control Act)

All ingredients are listed.

California Proposition 65

As of April 27, 2015 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.

Carcinogenicity Categories

Not applicable to this mixture.

EPA (Environmental Protection Agency)

Not applicable to this mixture.

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TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture.
NIOSH (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA (Occupational Safety & Health Administration)	Not applicable to this mixture.
MAK (German Maximum Workplace Concentration)	Not applicable to this mixture.

16. Other Information

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Abbreviations and acronyms:**NFPA (SCALE 0-4) National Fire Protection Association (USA)**

Health: 2 - May be harmful if inhaled or absorbed.

Fire: 3 - Flammable liquid flash point below 100 F

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

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

Health: 2 - Moderate Hazard: Temporary or minor reversible injury possible.

Fire: 3 - Serious Hazard: Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with Flash Points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F.

Reactivity: 0 - Minimal hazard: This material is normally stable, even under fire conditions and will not react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Exposure Limits

TWA - Time Weighted Average (8 hr.)

STEL - Short Time Exposure Limit (15 min.)

REL - Recommended Exposure Limit

IDLH - Immediately Dangerous to Life or Health

ACGIH - Association Advancing Occupational and Environmental Health

EPA - Environmental Protection Agency