

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: INK – RE-INKING GREEN
Product Codes: 13850, 5030, 5030C, 60068, RFG01, RFG05, RFG25-L
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
1480 Gould Drive
Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION

Classification:

Serious Eye Damage/Irritation Category 2B
Specific Target Organ Toxicity - RE Category 2

Label Elements:

Symbol:



Signal Word: Warning

Hazard Statements:

H320 Causes eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention:

P264 Wash hands/skin thoroughly after handling.
P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

Response:

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing.
P337+313 If eye irritation persists get medical attention/advice.
P314 Get medical advice/attention if you feel unwell.

Storage:

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified (HNOC)

No additional information identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
Diethylene Glycol	111-46-6	65-70%
Tricresyl phosphate	1330-78-5	3-5%

SECTION 4: FIRST AID MEASURES

Inhalation:	Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Seek immediate medical attention/advice.
Ingestion:	Seek immediate medical attention/advice. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
Eye Contact:	Flush eyes with water for at least 15 minutes while holding eyelids open. When symptoms persist or in all cases of doubt, seek medical advice.
Skin Contact:	Immediately flush with plenty of water, while removing contaminated clothing. When symptoms persist or in all cases of doubt, seek medical advice.
Notes to the Physician:	Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam, carbon dioxide and water fog.
Unsuitable extinguishing media	
Fire hazards/conditions of flammability	Not a flammable substance.
Explosion data	Not sensitive to mechanical impact or static discharge.
Fire-fighting procedure	Wear protective clothing and respiratory protection (SCBA). Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.
Hazardous combustion products	Oxides of carbon and nitrogen, irritating fumes and smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
Environmental precautions	Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
Spill Containment/cleanup	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal. Notify the appropriate authorities as required.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Conditions for safe storage	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
Incompatible materials	Strong oxidizing agents; strong reducing agents; acids.
Special packaging materials	Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits

No limits established for the mixture.

Appropriate engineering controls	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
Respiratory protection	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye/Face protection	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.
Other protective equipment	As needed to prevent eye contact and minimizing skin contact and inhalation.
General hygiene measures	Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance	Slightly viscous, green liquid
Odor	Mild
Odor Threshold	N/Av
Specific gravity	0.9
pH	Not applicable
Initial Boiling point	>300°F
Melting/Freezing point	Not available
Coefficient of water/oil distribution	Not available
Vapor pressure (mm Hg @ 20°C/68°F)	Not available
Vapor density (Air = 1)	Heavier than air
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Negligible
% Volatiles (by weight)	No data available
Flash point	>200°F, TCC
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not available
Flashback observed	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None are known.
Conditions to avoid	Avoid heat and open flame.
Incompatible materials	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products	None known; refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Ingestion, Skin, Eyes

Acute Toxicity									
Component	CAS Number	Oral LD ₅₀	Oral Units	Oral Animal	Dermal LD ₅₀	Dermal Units	Dermal Animal	Inhalation LD ₅₀	Inhalation Units
Diethylene Glycol	111-46-6	-	-	-	-	-	-	-	-
Tricresyl phosphate	1330-78-5	3000	mg/kg	Rat	10000	mg/kg	Rabbit	1000000	-

Skin Corrosion/Irritation

No components of this product are skin irritants

Serious Eye Damage/Irritation

A component of this product is an eye irritant.

Sensitization

No data available

Germ Cell Mutagenicity

No data available

Carcinogenicity

None of the components are listed as carcinogens by NTP, IARC, or OSHA

Reproductive/Developmental Toxicity

No data available

Specific Target Organ Toxicity

Single Exposure A component of this product is a respiratory tract irritant.

Repeated Exposure No data available.

Aspiration Hazard

The mixture does not pose an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity No data is available on the mixture itself.**

Component

Toxicity to Fish

Toxicity to Invertebrates

Toxicity to Algae

Persistence

No data available on the mixture.

Bioaccumulative potential

No data available on the mixture.

Mobility in Soil

No data available on the mixture.

Other Adverse Effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions Dispose of contents/container in accordance with local/regional/national/international regulations. The responsibility for proper waste disposal lies with the owner of the waste. Emptied containers retain residue

US EPA Waste Number There is no applicable EPA waste number. This product, if discarded, is not expected to be a characteristic or listed hazardous waste.

SECTION 14: TRANSPORTATION INFORMATION

DOT This material is not regulated

UN Proper Shipping Name This material is not regulated

Hazard Class N/A

UN Number N/A

Packing Group N/A

Marine Pollutant No

SECTION 15: REGULATORY INFORMATION**SARA Sections 302**

No Extremely Hazardous Substances are present in this mixture.

SARA Section 311 & 312

Acute health hazard

SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:

None

CERCLA

No RQ's

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.

The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:

Component Analysis – State							
Component	CAS	CA	MA	MN	NJ	PA	RI
Diethylene Glycol	111-46-6	N	N	N	N	N	N
Tricresyl phosphate	1330-78-5	N	N	N	N	N	N

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION**Revision Information: 12/4/2017**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.