SAFETY DATA SHEET

Issuing Date: 25-Feb-2015 Version 1

Be Done

1. PRODUCT AND COMPANY IDENTIFICATION

Be Done **Product Name**

Product code 7023

Product Use Fountain Solution Additive for Offset Printing.

Manufactured by

FUJIFILM Hunt Chemicals U.S.A., Inc.

40 Boroline Road

Allendale, NJ 07401-0320

Distributed in Canada by FUJIFILM Canada, Inc. 600 Suffolk Ct. Mississauga, Ontario L5R 4G4 Distributed Internationally by

FUJIFILM Hunt Chemicals U.S.A., Inc. 40 Boroline Road

Allendale, NJ 07401-0320

MSDS are available at the following http://www.fujifilmusa.com/msds

Distributed in the USA by

Graphic Systems Division

200 Summit Lake Drive Valhalla, NY 10595-1356

FUJIFILM North American Corporation,

website(s):

Company Phone Number U.S.A: 800-473-3854 Canada: 800-263-5018

Emergency Telephone Transport-CHEMTREC Inside NA: 800-424-9300

> Transport CHEMTREC Outside NA: 703-527-3887 Transport-CANUTEC Inside Canada: 613-996-6666 Medical Emergency (24 hour): 877-935-7387

EHS@fujifilm.com E-mail

2. HAZARDS IDENTIFICATION

Classification

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label elements, including precautionary statements

Not classified

Precautionary Statements

Prevention

Not applicable

Response

Not applicable

Storage

Not applicable

Disposal

Not applicable

Hazards not otherwise classified (HNOC)

Not classified

Other hazards

Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice If symptoms persist, call a physician.

Eye contact Flush eyes with water as a precaution. If irritation persists, call a physician.

Skin contact Immediate medical attention is not required. Wash skin with soap and water. Remove and

wash contaminated clothing before re-use.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Ingestion If swallowed, do not induce vomiting - seek medical advice.

Most important symptoms/effects, acute and delayed

None known.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None known.

Specific hazards arising from the chemical

None known.

Explosion Data

Sensitivity to Mechanical Impact none

Sensitivity to Static Discharge none

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with skin, eyes or clothing. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Use personal protective equipment. Dam up. Cover liquid spill with sand, earth or other

noncombustible absorbent material. Take up mechanically, placing in appropriate

containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits

established by the region specific regulatory bodies.

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Exposure controls

Engineering Measures Ventilation systems

Individual protection measures, such as personal protective equipment

If splashes are likely to occur, wear:. Safety glasses with side-shields. **Eye/Face Protection**

Skin and body protection Wear protective gloves/clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

Not available

provided in accordance with current local regulations.

General Hygiene Considerations When using do not eat, drink or smoke. Take off contaminated clothing and wash before

reuse. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

white Mild **Appearance Odor Threshold** Not available Physical State @20°C Liquid

pН 5.00 - 7.50

0.993 - 1.004 Not available **Specific Gravity Molecular Weight** > 201 °F / > 94 °C Autoignition temperature Flash point Not available

Not available > 212 °F / > 100 °C **Decomposition temperature** Boiling point / boiling range

Melting point / melting range Not available **Freezing Point**

Flammability Limit in Air Not available

Oxidizing Properties Not available Not available **Explosive Property Details** Solubility Miscible with water Partition coefficient Not available **Evaporation rate** Not available **Vapor Pressure** Not available Vapor density Not available Density Not available VOC (g/l) 0

VOC (lb/gal)

Dynamic viscosity Not available

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Excessive heat. Freezing.

Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Acute toxicity

InhalationNon-irritating during normal use.EyesNon-irritating during normal use.SkinNon-irritating during normal use.

Ingestion Ingestion may cause stomach discomfort.

Component Information

No information available

Information on toxicological effects

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

IrritationNon-irritating during normal use.CorrosivityNo information available.SensitizationNo information available.Mutagenic EffectsNo information available.Reproductive ToxicityNo information available.

Carcinogenicity None known.

STOT - single exposure No information available.

STOT - repeated exposureNo information available.

Target Organ Effects None known.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

ATEmix (oral) No data available

ATE: Acute toxicity estimate

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life

Persistence and degradability

No information available.

Bioaccumulation

No information available

Mobility

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

Dispose of in accordance with local regulations.

Contaminated packaging

Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG Not regulated

ADR/RID Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Yes **DSL/NDSL** No **PICCS** No **EINECS/ELINCS** No **ENCS** No **IECSC** No **KECL** No **AICS** No

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

^{*}Yes - All component(s) of this product are included or are exempt from listing on the inventory.

^{*}No - Indicates the component(s) of this product are either not listed or have not been determined to be listed on the inventory.

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

TSCA Sections 4, 5 and 12(b)

This product does not contain any chemicals regulated by TSCA Sections 4, 5 or 12(b).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	no
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

International Regulations

Canada - NDSL

This product does not contain any NDSL chemicals.

Mexico - Grade

Slight risk, Grade 1

Mexico - Carcinogen Status and Exposure Limits

No information available

Other Regulations

No information available

16. OTHER INFORMATION

NFPA Health Hazard 1 Flammability 1 Instability 0 Physical and chemical hazards -

HMIS Health Hazard 1 Flammability 1 Physical Hazard 0 Personal protection B

Prepared By FUJIFILM Environment, Health and Safety, phone: 800-473-3854

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Revision Note No information available Disclaimer The information provid

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 a 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.

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