SAWGRASS TECHNOLOGIES, INC.

MATERIAL SAFETY DATA SHEET

SECTION 01 – PRODUCT AND COMPANY INFORMATION

Product Name: **SubliJet® IQ** Cyan, Magenta, Yellow, Black ,Lt Black, Lt Lt Black, Jet Black, Blue, Red, Lt Cyan, Lt Magenta

Chemical Family: Aqueous Mixture

Identification of the Company:

Sawgrass Technologies, Inc.
2233 Highway 17 North
Mt. Pleasant, SC 29464
U.S.A.
Telephone No.: (843) 884-1575

Chemtrec® 24 HR. Emergency Telephone:

U.S./North America: (800) 424-9300
International: (703) 527-3887

SECTION 02 – COMPOSITION INFORMATION

Ingredient Name	CAS#	Concentration (%)	SARA 313
Proprietary Dye	---------	< 5	NO
Proprietary Organic Materials	---------	< 20	NO
Di(ethylene Glycol)	111-46-6	< 25	NO
Glycerin	56-81-5	< 25	NO
Water	7732-18-5	balance	NO

Additional specific chemical identity and information is withheld as a trade secret

SECTION 03 – HAZARDS IDENTIFICATION

HMIS RATING

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 1

NFPA RATING

HEALTH: 1
FLAMMABILITY: 0

REACTIVITY: 1

For additional information on toxicity, please refer to Section 11.

SECTION 04 – FIRST AID MEASURES

ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and sufficient amounts of water. If irritation develops, seek medical attention.

EYE EXPOSURE

Flush eyes with clean, lukewarm water (low pressure) for at least 15 minutes, occasionally lifting eyelids to ensure that the chemical is being flushed out of the eyes. Obtain medical attention.

After Contact With Skin: Wash affected areas thoroughly with soap and water.

SECTION 05 – FIRE FIGHTING MEASURES

Unusual fire and explosion hazards:	Emits toxic fumes under fire conditions. This product presents no unusual file or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.
Flash Point:	Not Established
Auto-ignition Temperature:	Not Established
Flammability:	Not Established
Flammable Limits:	
Upper Explosive Limit (UEL) (%):	Not Established
Lower Explosive Limit (LEL) (%):	Not Established
Extinguishing Media:	Water spray, dry Chemical; Carbon Dioxide; appropriate foam.

Special Fire fighting procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters. During a fire, vapors and other irritating, highly toxic gases may be generated by thermal decomposition or combustion. Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Solvent vapors may be heavier than air. Stagnant air may cause vapors to build up and travel along the ground to an ignition source which may result in a flash back to the source of the vapors.

SECTION 06 – ACCIDENTAL RELEASE MEASURES

Spill or Leak procedures:

Wear appropriate protective equipment. Remove any sources of ignition and ventilate area. Spills should be contained, solidified and placed in suitable containers for disposal. Wash spill site after material pick up is complete.

SECTION 07 – HANDLING AND STORAGE

HANDLING

Wear proper protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

STORAGE

Store in a dry place. Away from excessive heat, in original or similar waterproof containers. Keep containers tightly closed when not in use.
Further info on storage conditions:
Store in a cool, dry, well ventilated area. Keep container sealed when not in use.

SPECIAL REQUIREMENTS

Hygroscopic

SECTION 08 – EXPOSURE CONTROLS/PERSONAL PROTECTION

In accordance with good industrial practices, handle with care and avoid personal contact.

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Hand: Protective gloves.
Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling

SECTION 09 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid
Appearance: Aqueous dark colored liquid

Property	Value
Molecular Weight	N/A
Odor:	Odorless
pH:	7 ~ 9
Boiling point:	~ 100 ºC
Melting/freezing point:	< 0 ºC
Viscosity:	2 ~ 6 mPa.s @ 25 ºC
Solubility in Water:	Miscible
Specific Gravity:	1.02 ~ 1.05 g/cm^3 @ 25 ºC
Vapor pressure:	N/A
Vapor Density:	> 1 (air = 1)

SECTION 10 – STABILITY AND REACTIVITY

Stability:

This is stable material

Incompatibilities:

Avoid strong oxidizing agents, excessive heat.

Decomposition products:

By high heat and fire: carbon dioxide and carbon monoxide.

Hazardous polymerization:

Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

This product is essentially unreactive at room temperature and under normal working conditions, using good industrial hygiene practices.

ROUTE(S) OF ENTRY:

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Skin Contact: May cause skin irritation.
Skin Absorption: May be harmful if absorbed through the skin.
Eye Contact: May cause eye irritation.

CHRONIC INGESTION:
None found.

CARCINOGENICITY
NTP: Not listed

OSHA:
Not regulated.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	No information available on the adverse effects
Mobility:	No information available on the adverse effects
Persistence and Degradability:	No information available on the adverse effects
Bioaccumulative Potential:	No information available on the adverse effects
Other Adverse Effects:	No information available on the adverse effects

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal method: Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method.
Empty container precautions: Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch.

SECTION 14 – TRANSPORT INFORMATION

DOT (Domestic surface)
Hazard Class or Division: non-regulated

IMO/IMDG code (Ocean)
Hazard Class Division Number: Non-regulated

IATA
Non-Hazardous for Air Transportation: This material is considered to be non-hazardous for air transportation.

SECTION 15 – REGULATORY INFORMATION

UNITED STATES REGULATORY INFORMATION
Sara Title III:

Section 302 Extremely hazardous substances:	None
Section 311/312 Hazardous Categories:	None
Section 313 Toxic Chemicals:	None

SECTION 16 - OTHER INFORMATION

DISCLAIMER

For industrial use only. Not for drug, household or other uses.

WARRANTY

To the best of our knowledge, the information contained herein is accurate. However, Sawgrass Technologies, Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any materials in the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Regulatory information with regard to this substance in your country or in your region should be examined by your own responsibility.

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