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Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name Swift Black

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended uses Printing operations

1.3 Details of the supplier of the safety data sheet

#16-20 Wertheim Crt. Richmond Hill,
ON L4B 3A8

Telephone: +1 905 482 3106
Fax: 905 482 3107

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification (CHIP): Irritant

Main Health Hazard: Risk of eye serious damage to use
Not expected to present any hazards to health under normal conditions of expected use.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Component/ Chemical Name	%	CAS-No	EEC No	Hazard Symbol	Risk Phrases
Metal Complex Dye	10				
Lactic Acid Butyl Ester	90	34451-19-9	252-036-3	St. Andrew Cross	R41

R41 = Risk of serious damage to eyes

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Move casualty to fresh air
 Skin Contact Wash from skin using soap and water
 Eye Contact Flush thoroughly with water. If soreness or redness persists, seek medical attention
 Ingestion DO NOT induce vomiting. Encourage the casualty to drink water stomach. Seek medical advice.

Do not use

Section 5. FIRE FIGHTING MEASURES

5.1 Flammability

Product is classed as non-flammable

5.2 Combustion products

Oxides of Carbon

5.3 Extinguishing Media

In the event of fire, use CO₂, Foam, Dry Powder, or Vapourising Liquid

Do not use:

Measures:

Section 6. ACCIDENTAL RELEASE MEASURES

Mop and soak up spillage's in absorbent material.

Dispose of in accordance with Local Authority Regulations

Section 7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Handling Avoid contact with skin and eyes. Wear gloves and safety glasses if splashing is likely
Fire Prevention Avoid heat and sources of ignition
Storage Normal cool warehouse conditions

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection Not essential
Eye and Skin protection Wear safety glasses and gloves if splashing is likely

Occupational Exposure Limits

Substance listed in EH40/92	Long term (8 Hrs)		Short term	
	ppm	mg/m ³	Ppm	mg/m ³
Lactic Acid Butyl Ester	5	25		

Section 9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Important health, safety, and environmental information**

Physical State Black Liquid **Color** No information available
Appearance No information available **Odor Threshold** No information available
Odor No information available

Property	Values	Remarks * Method
pH	Not applicable	
Melting point/freezing point	15°C	
Boiling point/Boiling Range	189 °C	
Flash Point	79°C	
Evaporation rate	No information available	
Flammability (solid. Gas)	No information available	
Flammability Limit in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor Pressure	0.225 mm HG @20°C	

Vapor Density	5.0 (Air = 1.0)
Density	0.98 gm/cm ³
Specific Gravity	No information available
Water Solubility	Partially miscible in Water
Solubility in other solvents	No information available
Partition coefficient:n-octanol/water	No information available
Autoignition Temperature	380 °C
Decomposition Temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive Properties	Lower 1.0% @100 °C upper: 7.9 % @ 150 °C
Oxidizing Properties	No information available

Section 10. STABILITY AND REACTIVITY

10.1 Chemical Reactivity

Stable product

10.2 Decomposition products

No known

10.7 Materials/conditions to avoid

None

Section 11. TOXICOLOGY INFORMATION

LD50 > 5000mg/kg body weight

Section 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Component or Chemical Name

Lactic Acid Butyl Ester

Readily biodegradable; Bio-accumulation unlikely, hydrolyses in presence of water, acids, bases

EC50/48h/Daphnia = 423mg/L

LC50/48h/Fish = 75mg/L

EC50/Algae = 0.93g/L

Section 13. DISPOSAL CONSIDERATIONS

Consult Local Authority for approved method of disposal

Section 14. TRANSPORT CONSIDERATIONS

Proper shipping name	Not applicable
Applicable UN Number	Not applicable
Applicable IMDG	Not applicable
Marine pollutant	
Applicable IMDG code	Not applicable
ICAO/IATA	Not applicable
RID/ADR	Not applicable
IMDG class	Not applicable
Packing group	Not applicable
Hazard warning sign	St. Andrew's Cross

Section 15. REGULATORY INFORMATION

CHIP labellingSymbol:
St. Andrews CrossHazard: Irritant
Risk Phrases: R41Contains: Lactic
Acid Butyl ester**Other suggested labelling**

R41 = Risk of serious eye damage; S25 = Avoid contact with eyes

Section 16. OTHER INFORMATION

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Disclaimer

The information provided on 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Date Sheet
