1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME SWIFT-DIFF STAIN

PRODUCT CODE 61093x

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2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 [EU-GHS/CLP]

Flammable liquids (Category 2)	H225
Acute toxicity, Oral (Category 3)	H301
Acute toxicity, Dermal (Category 3)	H311
Eye Irritation (Category 2)	H319
Acute toxicity, Inhalation (Category 3)	H331
Specific target organ toxicity - single exposure (Category 1)	H370
Supplementaryt Hazard Statement	EUH066

LABELLING ACCORDING TO REGULATION (EC) NO 1272/2008 [EU-GHS/CLP]

DANGER

Hazard statement(s)

H225	Highly Flammable liquid and vapour
H301	Toxic if swallowed
H311	Toxic in contact with skin
H319	Causes serious eye irritation
H331	Toxic if inhaled
H370	Causes damage to organs
EUH066	Repeated exposure may cause skin dryness or cracking

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces — No smoking
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P311	Call a POISON CENTER or doctor/physician

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
METHANOL	200-659-6	67-56-1	80-90%	Flam. Liq. 1; Acute Tox. 3; STOT SE 1 H225 H301 H311 H331 H370
ACETONE	200-662-2	67-64-1	10%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 H225 H319 H336 EUH066
METHYLENE BLUE	200-515-2	7220-79-3	0-1%	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3 H302 H315 H319 H335
3,7-bis(Dimethylamino)phenothiazin-5-ium chloride				
AZUR I [CI 52010]	208-511-2	531-55-5	0-1%	n/a
N,N,N′-Trimethylthionin				
EOSIN Y	239-138-3	15086-94-9	0-1%	n/a
2-(3,6-Dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)-benzoic acid				

4. FIRST-AID MEASURES

INHALATION
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION
Do not induce vomiting. Never make an unconscious person vomit or drink fluids. Get medical attention immediately. Show the label or this document to the physician.

SKIN CONTACT
Remove contaminated clothes and rinse skin thoroughly with water. If symptoms occur seek medical attention.

EYE CONTACT
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Use: Alcohol-resistant foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

UNUSUAL FIRE AND EXPLOSION HAZARDS
May travel considerable distance to source of ignition and flash back. May form explosive or toxic mixtures with air. Vapour explosion and poison hazard indoors, outdoors and in sewers. Forms harmful carbon oxides on combustion.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this document. Evacuate personnel from the area. Extinguish all ignition sources. Avoid sparks, flames, heat. Ventilate area.

ENVIRONMENTAL PRECAUTIONS
Do not allow spillage to enter watercourses, drains or sewers. Fire Brigade and Local authority must be informed if this happens as a potential explosive hazard may be created. Stop leak if possible without risk.

SPILL CLEAN-UP METHODS
Provide ventilation and confine spill. Do not allow runoff to sewer. Inform Authorities if large amounts are involved. Absorb with vermiculite, dry sand or earth – do NOT use sawdust or other combustible materials. Shovel up residue and collect for authorised disposal (see section 13). Flush area with plenty of water.

7. HANDLING & STORAGE

USAGE PRECAUTIONS
Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

STORAGE PRECAUTIONS
Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. May attack some plastics, rubber and coatings.

STORAGE CLASS
Flammable liquid storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA		STEL	
METHANOL	WEL (skin)	200 ppm	260 mg/m^3	250 ppm	333 mg/m^3

WEL – Workplace Exposure Limit; 8h TWA – 8-hour Time-Weighted Average; STEL – Short-Term EL.

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation. Provide explosion-proof ventilation for high concentrations.

PROTECTIVE EQUIPMENT



HAND PROTECTION
Use protective gloves made of: Butyl rubber (immersion protection) or Nitrile rubber (splash protection). The most suitable glove should be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION
Wear approved, tight-fitting safety glasses where splashing is probable.

RESPIRATORY EQUIPMENT
Self-contained breathing apparatus where high vapour levels are likely.

OTHER PROTECTION
Provide eyewash station.

HYGIENE MEASURES
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Dark Blue Liquid
ODOUR	Pungent (alcohol)
(SOLUBILITY) / MISCIBLE WITH:	Water; Ethanol; Ether; Benzene; Organic solvents
MELTING POINT	~ -97 °C
BOILING POINT	~ 63 °C
FLASH POINT (CLOSED CUP)	~ 7 °C
SPECIFIC GRAVITY	0.79 @ 20 °C

10. STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition. Extremes of temperature, direct sunlight.

INCOMPATIBLE MATERIALS
Strong oxidizers, Acids, Reducing agents, Alkali metals.
Can react vigorously with chloroform in the presence of sodium and sodium hydroxide.

HAZARDOUS DECOMPOSITION PRODUCTS
During fire, toxic gases (CO, CO_2) are formed.

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE	LD 50	Oral, Rat	5628 mg/kg
	LC 50	Inhalation, Rat	4 h – 64,000 ppm
	LC 50	Inhalation, Rat	4 h – 87.6 mg/L
	LD 50	Dermal, Rabbit	15,800 mg/kg

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE
Causes damage to organs.

INHALATION
Toxic by inhalation. Toxic: danger of very serious irreversible effects through inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Central nervous system depression.

INGESTION
Toxic if swallowed. Toxic: danger of serious damage to health by prolonged exposure if swallowed. May cause stomach pain or vomiting. Drowsiness, dizziness, disorientation, vertigo. Central nervous system depression.

SKIN CONTACT
Toxic in contact with skin. Toxic: danger of very serious irreversible effects in contact with skin.

EYE CONTACT
Irritation, burning, lachrymation, blurred vision after liquid splash.

SIGNS AND SYMPTOMS OF EXPOSURE
Methyl alcohol may be fatal or cause blindness if swallowed. Cannot be made non-poisonous. Effects due to ingestion may include: nausea, headache, vomiting, gastrointestinal disturbance, dizziness, weakness, confusion, drowsiness, unconsciousness. May cause convulsions.

12. ECOLOGICAL INFORMATION

ECOTOXICITY
Not regarded as dangerous for the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
RID / ADR	1230	3 (6.1)	II	Methanol
IATA	1230	3 (6.1)	II	Methanol
IMDG	1230	3 (6.1)	II	Methanol

SIGNAGE

ENVIRONMENTAL HAZARDS

RID / ADR No
IATA No
IMDG No

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	05
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	07/2014

HAZARD STATEMENTS IN FULL

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H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H370	Causes damage to organs