

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE SUBSTANCE / PREPARATION, REVISION NUMBER AND DATE

Product Name : X 128 Regal black
Product Code : C/128/***/**
Date : 09/11/2008

COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS (nl - not listed in CHIP)

Chemical Name	%	CAS Number	EEC No	Hazard Symbol	R Phases
Lactic Acid Ethyl Ester	65 - 85	687-47-8	211-694-1	St Andrews Cross	R41
Solvent based dye	< 20			None req'd	R10

R10 = Flammable; R41 = Risk of serious damage to eyes;

The remaining ingredients, including the dye, do not present a health hazard within the meaning of the EC/ CHIP2 regulations.

HAZARDOUS IDENTIFICATION

Classification (CHIP) : Flammable and Irritant

Main Health Hazards : Risk of serious damage to eyes, irritating to eyes and skin.

Not expected to present any hazards to health under normal conditions of expected use.

FIRST AID

Inhalation : Remove 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 casualty to drink water. Seek medical advice.

Do not use :

FIRE FIGHTING MEASURES

Flammability : Product is flammable.

Combustion products : Oxides of Carbon.

Extinguishing media : In the event of a fire use CO₂, Foam, Dry Powder, or Vapourising Liquid.

Do not use :

Measures :

ACCIDENTAL RELEASE MEASURE

Mop or soak up spillage's in absorbent material. Dispose of in accordance with Local Authority Regulations.

HANDLING AND STORAGE

Handling : Avoid prolonged skin contact. Wear gloves and safety glasses if splashing is likely.

Fire Prevention : Avoid heat and sources of ignition

Storage : Normal cool warehouse conditions. Keep in closed container.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : Not essential.

Eye and Skin protection : Wear safety glasses and gloves if splashing is likely.

EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)**OCCUPATIONAL EXPOSURE LIMITS :**

Substance listed in EH40/92	Long term (8 Hrs)		Short term (10 min)	
	ppm	mg/m ³	ppm	mg/m ³
Lactic Acid Ethyl Ester	Not assigned by HSE (1) or ACGIH (2)			

PHYSICAL AND CHEMICAL PROPERTIES

Form : Black coloured liquid	pH : n/a	Boiling Point: ~ 147°C
Flashpoint : ~ 42°C	Melting Point : N/A	
Vapour Pressure : 3.3 mm Hg @ 20°C	Vapour Density : >1.0 (Air = 1)	
Solubility in Water : Partially miscible in water	Density : Approx. 1.0	
Autoignition Point : ~ 400 °C	Explosive Limits: Lower - 1.8% ; Upper - 12%	

STABILITY AND REACTIVITY

Chemical reactivity : None known

Decomposition products : May form oxides of carbon in a fire

Materials / conditions to avoid : Avoid sources of heat and ignition

TOXICOLOGICAL INFORMATION

LD50 : Acute / oral / rat : > 2500mg/kg

ECOLOGICAL INFORMATION

Readily biodegradable; Bioaccumulation unlikely,hydrolyses in presence of water, acids, bases

Lactic Acid Ethyl Ester: EC50/48h/Daphnia = 683mg/l LC50/48h/Fish = 320mg/l EC50/Algae = 2200mg/l

DISPOSAL CONSIDERATIONS

Consult Local Authority for regulations regarding waste disposal

TRANSPORT REGULATIONS

Proper shipping name : Printing ink, flammable

UN Number : UN1210

IMDG code :

ICAO/IATA class : 3

Marine pollutant :

Packing group : III

IMDG class : 3.2

RID/ADR : ADR Item 5(b)

Hazard warning sign : Flammable Liquid

REGULATORY INFORMATION

CHIP labelling -

Symbol :
St.Andrews Cross

Hazard : Flammable & Irritant

Risk Phrases: R10, R41

Safety Phrases: S16, S25

Contains : Lactic Acid Ethyl Ester

Other suggested labelling : R10 = Flammable; R41 = Risk of serious damage to eyes S16 = Keep away from sources of ignition - no smoking;
S25 =Avoid contact with eyes

OTHER INFORMATION

This safety data sheet has been updated to comply with CHIP regulations. The information is based solely on the data provided by the suppliers of the materials used and/or recognised technical sources, not on the mixture itself and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.

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