



# Safety Data Sheet

Issue Date: 11/25/2015

Revision Date: N/a

Version: 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product Identifier

**Product Name:** Dy'on Black

### Recommended use of the chemical and restrictions on use

**Recommended use:** Felt Tip, Marker Inks, Water Based Coatings and Specialty Inks  
Leather applications, soaps

### Details of the supplier of the safety data sheet

#### **Company**

Regal Chemical Company  
600 Branch Dr.,  
Alpharetta, GA 30004

### Emergency telephone number

**Company Telephone:** (770) 475-4837

**Emergency Telephone:** Chemtrec 1-800-262-8200

## 2. Hazardous Identification

### Classification:

#### **GHS-US Classification**

Acute toxicity – oral (Category 4) H302

Acute toxicity – inhalation (Category 3) H316

Eye damage/irritation (Category 2B) H320

### Label Elements

**Signal Word (OSHA):** Warning

### **Hazard Statements:**

H303 – May be harmful if swallowed

H316 - Causes mild skin irritation

H320 - Causes eye irritation

### **Hazard Symbols:**





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## Precautionary Statements:

P305 + P312 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice/attention

P264 - Wash face thoroughly after handling

P304 + P312 – IF INHALED: Call a POISON CENTER/doctor/physician if you feel unwell

**Other Hazard Statements:** No data available

**Unknown acute toxicity (GHS US):** No data available

## 3. Composition/Information on Ingredients

**Description:** Proprietary mixture of dyes

### Substances

Name	Product Identifier CAS No.	Weight%	GHS-US Classification
Sodium Hydroxide Solution	1310-73-2	<1.0%	Acute tox./oral 4 H302
Interfacial Tension Modfr	Mixture	<0.1%	Skin corr./irritation 3 H316
			Eye dam./irritation 2B H320

**Additional information:**

None

## 4. First Aid Measures

### Description of first aid measures

**First Aid Measures General:** Remove contaminated clothing

**First-aid measures after inhalation:** Remove to fresh air. If breathing is difficult, give oxygen and get immediate medical attention.

**First-aid measures after skin contact:** Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.

**First-aid measures after eye contact:** Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.

**First-aid measures after ingestion:** Induce vomiting – seek immediate medical attention.

### Most important symptoms and effects, both acute and delayed:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY HAZARDOUS COMMUNICATION STANDARD. HOWEVER, AS WITH ALL CHEMICAL; HANDLE WITH CARE AVOID EYE & SKIN CONTACT, AVOID INHALATION OF DUSTS OR VAPORS. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINERS CLOSED.

**Indication of any immediate medical attention and special treatment needed:**

No additional information

## 5. Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media:** WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM



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**Special hazards arising from the substance or mixture:** NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

**Fire Hazard:** N/A

**Explosion Hazard:** N/A

**Reactivity:** N/A

## Advice for firefighters

**Firefighting Instructions:** WEAR SELF-CONTAINED BREATHING APPARATUS.

**Protection during firefighting:** Wear fully protective suit.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Remove persons from danger area.

#### For non-emergency personnel

**Protective equipment:**

**Emergency procedures:** No additional information

#### For emergency responders

**Protective equipment:** See Section 8 for information on personal protection equipment.

**Emergency procedures:** No additional information

**Environmental precautions:** Avoid any uncontrolled release of material. Do not empty into drains or the aquatic environment.

### Methods and materials for containment and cleaning up

**For containment:** Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers.

**For cleaning up:** Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

### Reference to other sections

No additional information available.

## 7. Handling and Storage

### Precautions for safe handling

**Additional hazards when processed:** N/A

**Precautions for safe handling:** LIQUID - DO NOT FREEZE. Handle with care. Wear APPROPRIATE PROTECTION: GOGGLES, GLOVES and WORK CLOTHING. Over exposure may CAUSE IRRITATION. AVOID BREATHING FUMES. KEEP IN WARM AREA. WASH AFTER HANDLING. \* \* STIR BEFORE USING. \* \*

**Hygiene measures:** N/A



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## **Conditions for safe storage, including any incompatibilities**

**Technical measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

### **Storage conditions:**

**Incompatible products:** Keep away from heat. Keep away from sources of ignition.

### **Incompatible materials:**

**Storage area:** Keep away from strong oxidizing and reducing agents

**Special rules on packaging:** None

**Specific end use(s):** Felt Tip, Marker Inks, Water Based Coatings and Specialty Inks, Leather applications, Soaps

## **8. Exposure Controls/Personal Protection**

### **Control parameters**

Ingredients with limit values that require monitoring at the workplace: Not required.

### **Exposure controls**

Appropriate engineering controls:

The usual precautionary measures are to be adhered to when handling chemicals.

### **Personal protective equipment:**

**Hand protection:** Wear protective gloves

**Eye protection:** Tightly sealed safety goggles or full face shield

**Skin and body protection:** Wear suitable protective clothing

**Respiratory protection:** Dust Mask

**Thermal hazard protection:** Not available

**Other information:** No additional information

## **9. Physical and Chemical Properties**

### **Information on basic physical and chemical properties**

#### **Appearance**

Physical state, appearance, color, odor      BLACK LIQUID, NONE ODOR

Odor Threshold:      No data

pH:      9.0-10.5

Melting Point/Freezing Point:      ND

Initial boiling point/boiling range:      0.00

Flashpoint:      NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.

Evaporation rate:      No data

Flammability (solid, gas):      NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.

Upper explosive limits:      N/A

Lower explosive limits:      N/A

Vapor pressure:      N/A

Vapor density:      N/A

Relative density:      1

Solubility in water:      Yes.

Partition coefficient n-octanol/water      No data



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Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity, dynamic	No data
Viscosity, cinematic	No data
Explosive properties	N/A
Oxidizing properties	N/A

**No additional information available**

## 10. Stability and Reactivity

**Reactivity:** No data

**Chemical stability:** Stable

**Possibility of hazardous reactions**

No additional information available

**Conditions to avoid:** OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

**Incompatible materials:** OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

**Hazardous decomposition products:** CO, CO<sub>2</sub>, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

## 11. Toxicological Information

**Information on toxicological effects**

Oral (Animal): NO DATA AVAILABLE.

Dermal (animal): NO DATA AVAILABLE.

Effects to eyes (Animal): NO DATA AVAILABLE.

Skin irritation (Animal): NO DATA AVAILABLE.

**Skin corrosion/irritation:** Not classified

**Serious eye damage/irritation:** Causes serious eye irritation.

**Respiratory or skin sensitization:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**Specific target organ toxicity (single exposure):** May cause drowsiness or dizziness.

**Aspiration hazard:** Not classified

**Symptoms/injuries after inhalation:** May cause drowsiness or dizziness.

**Symptoms/injuries after eye contact:** Causes serious eye irritation.

**Symptoms/injuries after ingestion:** Ingestion may cause nausea, vomiting and diarrhea.

## 12. Ecological Information

**Ecotoxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulation:** No data available

**Other adverse effects:** No additional information available



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## 13. Disposal Considerations

### Waste treatment methods

**Regional legislation (waste):** Dispose of only in an approved land-fill area or by controlled incineration in accordance with local and State regulations.

**Waste disposal recommendations:** Empty bags thoroughly. Carry out the proper recycling, re-usage or disposal. Please refer to the relevant EU regulations, in particular the guidelines/decisions of the council regarding handling of wastes (e.g. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) as implemented in national regulations.

## 14. Transport Information

**UN number:** Not regulated

**UN proper shipping name:** None

**Transport hazard class(es):** N/a

**Hazard labels (DOT):** N/A

**Packing group (DOT):** N/A

**DOT Special provisions:** N/A

### **Additional information**

**Overland transport:** NONE

**Transport by sea:** NONE

**Air transport:** NONE

**DOT Quantity Limitations Passenger Aircraft:** No additional information

**DOT Quantity Limitations Cargo Aircraft:** No additional information

## 15. Regulatory Information

### **US Federal Regulations**

This substance is listed on United States TSCA (Toxic Substance Control Act) inventory.

### **US State regulations**

None

### **Other Regulations**

Chemical Identity	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
3844-45-9	X	-	-	-	-	-	-	-	-	-

TSCA Status:

IN COMPLIANCE

E C Classification:

(67/548/EEC – 88/379/EEC) n/a

EINECS Number:

REACH Classification:



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R-phrases:

Additional Regulatory Information:

## 16. Other Information

**Indication of changes:** Not available

**Other information:** Not available

GHS Full Text Phrases:

H333 – May be harmful if inhaled

H320 – Causes eye irritation

H316 – Causes mild skin irritation

**NFPA Rating:** Not available

### **HMIS**

**Health hazards** 1

**Flammability** 0

**Physical hazards** 0

**Personal protection** D

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