

Regency FCB (UK) Ltd

Bentwood Road, Carrs Ind Est, Haslingden, Rossendale, Lancashire, BB4 5HH

TEL: 01706 831808 FAX: 01706 212265

EMAIL: enquiries@regencyfcb.com

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

PRODUCT NAME

**SODIUM HYDROSULPHITE
(STABILISED HYDROS)**

PRODUCT CODE -2003

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY NAME

REGENCY FCB (UK) LTD
UNIT 4, BENTWOOD ROAD
HASLINGDEN
LANCASHIRE
BB4 5HH

1.4 EMERGENCY TELEPHONE NUMBER

EMERGENCY INFORMATION

Tel: +44(0)1706 831808 (office hours only)

Fax : +44(0)1706 212265

Email : enquiries@regencyfcb.com

INTENDED USE

Industrial. For professional use only

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION UNDER CLP

Eye irritation, Category 2 -H319: Causes serious eye irritation
Self-heating substance Cat. 1-H251

MOST IMPORTANT ADVERSE EFFECTS

2.2 LABEL ELEMENTS

PICTOGRAMS



HAZARDOUS COMPONENT FOR
LABELLING

SODIUM DITHIONITE

SIGNAL WORD

DANGER

HAZARD STATEMENTS

H319: Causes serious eye irritation
H251: Self-heating: may catch fire

PRECAUTIONARY STATEMENTS

P220: Keep/store away from clothing /combustible materials

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P221.3: Take precaution to avoid mixing with acid
P235+P410 Keep cool. Protect from sunlight
P264- Wash thoroughly with plenty of water and soap after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338-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
P407 Maintain air gap between palettes/stacks
P420- Store away from other materials
EUH031-Contacts with acids liberates toxic gas

EUH STATEMENTS

Hazardous Components-Sodium Dithionite

2.3 OTHER HAZARDS

Other hazards not contributing to the classification: Contact with acids liberates toxic gas

This product does not meet the PBT criteria of REACH regulation, annex XIII

This product does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Azo pigment preparation contains CI PIGMENT ORANGE34

DANGEROUS SUBSTANCE	% PRESENT	PBT / WEL	CAS	CLP CLASSIFICATION
Sodium dithionite	50-70%	-	7775-14-6 EC NO. 231-890-0	EUH031 Self-heat 1-H251 Acute tox. 4 (oral) H302
Trisodium nitrolotriacetate	3-5%		5064-31-3 EC NO. 225-768-6	Acute Tox. 4: H302 Eye Irrit. 2: H319 Carc. 2: H351
Sodium Carbonate	1-3%		497-19-8 EC NO. 207-838-8	Eye Irrit. 2: H319
Disodium disulphite	1-2%		7681-57-4 EC NO. 231-673-0	Acute Tox.4 (oral)-H302 Eye Dam. 1:H318

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

INGESTION

Wash out mouth with water. Do not induce vomiting, call a doctor

INHALATION

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell seek medical advice

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EYE CONTACT

Bathe the eye with running water for 15-20 minutes, after taking off any soft contact lenses, seek medical advice

SKIN CONTACT

Immediately remove any contaminated clothing and footwear. Wash immediately with plenty of soap and water, if skin irritation or rash occurs: Get medical advice/attention

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

DELAYED / IMMEDIATE EFFECTS

No information available

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

IMMEDIATE / SPECIAL TREATMENT

Treat symptomatically

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA

Dry powder and foam

UNSUITABLE EXTINGUISHING MEDIA

CO₂

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

EXPOSURE HAZARDS

In fire can release sulphur oxides, carbon monoxide and carbon dioxide

5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear personal protective equipment, avoid generation of dust, avoid inhalation of dust

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment. Do not discharge into drains or rivers. Notify authorities if product enters sewers or public waters

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Use mechanical handling equipment, avoid dust formation and dispose of with local regulations

6.4 REFERENCE TO OTHER SECTIONS Refer to section 8 of SDS

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Avoid dust formation

Hygiene Measures-Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using

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this product. Wash hands and other exposed areas with soap and water before leaving work. Apply emollient cream

Maintain air gaps between stacks/ palettes. Keep away from sources of ignition, no smoking, take measures against electrostatic charge!

Avoid formation of dust, keep away from sources of ignition

Store away from other materials

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool, well ventilated area. Keep container tightly closed

Do not store near oxidising or acidic materials

Store at temperature < 40°C

Store away from direct sunlight or other heat sources

Protect from humidity and keep away from water

7.3 SPECIFIC END USES

No data available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

COMPONENTS WITH VALUES TO BE OBSERVED WITH RESPECT TO THE WORKPLACE

Observe limit values of workplace

8.1.1 WORKPLACE EXPOSURE LIMITS

Sulphur dioxide 2.5mg/m³, 1ppm

8.1.2 DNEL

Sodium dithionite
Disodium disulphite

Inhalative, systemic (mg/m³); 206
Inhalative, systemic (mg/m³); 225

8.1.3 PNEC

Disodium disulphite

Sewage treatment plant (STP) [mg/l]: 75.4
Marine water [mg/l]: 0.1
Fresh water [mg/l]: 1

8.2 EXPOSURE CONTROLS

RESPIRATORY PROTECTION

In case of dust formation use respirator with filter P2 or P3 (Half mask or full-face piece respirator. Additional hazards when processed: Formaldehyde

HAND PROTECTION

Recommended materials. Nitrile rubber (0.11 mm). Penetration time of glove > 480 min (EN374). Please follow the instructions related to the permeability and penetration time provided by the manufacturer. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features which differ for each manufacturer

EYE PROTECTION
SKIN PROTECTION

Sealed safety goggles (EN166)
Wear proper protective equipment, Gloves. Protective goggles. Insufficient ventilation wears respiratory equipment

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

STATE	Crystalline Powder
COLOUR	White-yellowish
pH	9-11
ODOUR	Acrid
BOILING RANGE °C	

9.2 OTHER INFORMATION

SECTION 10: STABILITY AND REACTIVITY

10.1	<u>REACTIVITY</u>	Stable under normal conditions
10.2	<u>CHEMICAL STABILITY</u>	Stable under normal conditions.
10.3	<u>POSSIBILITY OF HAZARDOUS REACTIONS</u>	Contact with acids liberates toxic gases
10.4	<u>CONDITIONS TO AVOID</u>	Heat open flames and other sources of ignition Avoid dust formation because of danger of explosion
10.5	<u>INCOMPATIBLE MATERIALS</u>	Oxidizing agents. Strong acids and water
10.6	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	Sulphur dioxide, carbon dioxide, nitrate, peroxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

SYMPTOMS / ROUTES OF EXPOSURE

SODIUM HYDROXYMETHANE SULPHINATE (149-44-0)	
<u>LD50 ORAL RAT</u>	>2000mg/kg
<u>LD50 DERMAL RAT</u>	No data

SECTION 12: ECOLOGICAL INFORMATION

12.1	<u>TOXICITY</u>	
	LC50, Leuciscus idus	>10-100 mg/l (OECD 203)
12.2	<u>PERSISTENCE AND DEGRADABILITY</u>	
)	COD	250 O2/g substance DIN 38412, part 43
12.3	<u>BIOACCUMULATIVE POTENTIAL</u>	Low bioaccumulation potential.
12.4	<u>MOBILITY IN SOIL</u>	No data available
12.5	<u>RESULTS OF PBT AND vPvB ASSESSMENT</u>	This product is not identified as a PBT / vPvB substance.
12.6	<u>OTHER ADVERSE EFFECTS</u>	No data available

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHOD

This material and its container must be disposed of in a safe way, and as per local legislation

Do not allow to enter drains or water courses

Do not dispose of with domestic waste

Handle uncleaned empty containers as full ones

SECTION 14: TRANSPORT INFORMATION

TRANSPORT CLASS

UN1384 – Sodium Hydrosulphite

Classification Group 4.2

Packing Group II

Tunnel Code D/E

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

SPECIFIC REGULATIONS

Not applicable

15.2 CHEMICAL SAFETY ASSESSMENT

SECTION 16: OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision

Phrases used in s.2 and s.3: Contains-EUH031

H251-Self-heating: may catch fire

H302: Harmful if swallowed

H318: Causes serious eye damage

H319: Causes serious eye irritation

H351: Suspected of causing cancer

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal requirements. The information contained herein is accurate to the best of our knowledge and belief and is intended to describe our products from a point of view of health and safety requirements. It should not, therefore, be construed as guaranteeing specific properties. This company shall not be held liable for any damage resulting from handling or from contact with the above product