

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

SPECTRALITE (Thiourea Dioxide)

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

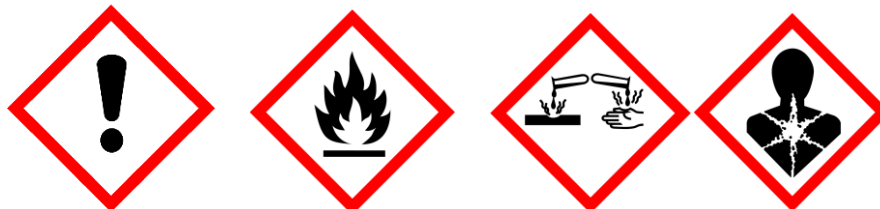
CLASSIFICATION UNDER CLP

STOT RE 2: H373; ACUTE TOX 4: H302: EYE DAM. 1:H318;
SELF-HEAT. 1: H251; SKIN IRRIT. 2; H315

MOST IMPORTANT ADVERSE EFFECTS

Self-heating; may catch fire. Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure.

2.2 LABEL ELEMENTS PICTOGRAMS



SIGNAL WORD

DANGER

HAZARD STATEMENTS

H251 Self-heating; may catch fire

H302 Harmful if swallowed

H315: Causes skin irritation

H318: Causes serious eye damage

H373: May cause damage to organs through prolonged or repeated exposure

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P280 Wear protective gloves/protective clothing/eye protection/face protection

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PRECAUTIONARY STATEMENTS

P301+P312: IF SWALLOWED Call a poison centre or Doctor/Physician if you feel unwell

P302+P352 IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

P310 Immediately call a doctor.

2.3 OTHER HAZARDS

Other hazards not contributing to the classification :

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

CHEMICAL IDENTITY	THUD
CAS NUMBER	1758-73-2
EINECS NUMBER	217-157-8

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

INGESTION	Wash out mouth with water. Do not induce vomiting, If conscious give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
INHALATION	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.
EYE CONTACT	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
SKIN CONTACT	Immediately remove all contaminated clothing and footwear unless stuck to skin. Wash immediately with plenty of soap and water.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

INGESTION	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be difficulty swallowing. There may be vomiting.
INHALATION	There may be irritation of the throat with a feeling of tightness in the chest. Absorption through lungs can cause symptoms similar to those of ingestion.
EYE CONTACT	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
SKIN CONTACT	There may be irritation and redness as the site of contact.
DELAYED / IMMEDIATE EFFECTS	Immediate effects can be expected after short term exposure.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

IMMEDIATE / SPECIAL TREATMENT	Eye bathing equipment should be available on the premises.
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SECTION 5: FIRE FIGHTING MEASURES

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5.1 EXTINGUISHING MEDIA

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

EXPOSURE HAZARDS

In combustion emits toxic fumes

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

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Do not create dust. Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains or rivers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 REFERENCE TO OTHER SECTIONS Refer to section 8 of SDS

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation of dust in the air

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

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

7.3 SPECIFIC END USES

No data available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

WORKPLACE EXPOSURE LIMITS
DNEL / PNEC

No data available
No data available

8.2 EXPOSURE CONTROLS

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ENGINEERING MEASURES
RESPIRATORY PROTECTION

Ensure there is sufficient ventilation of the area.
Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

HAND PROTECTION
EYE PROTECTION
SKIN PROTECTION

Protective gloves
Tightly fitting safety goggles. Ensure eye bath is to hand.
Protective clothing, Gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

STATE	Crystalline Powder
COLOUR	Off White
pH	4
ODOUR	Characteristic

9.2 OTHER INFORMATION No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY Characteristic

10.2 CHEMICAL STABILITY Stable under normal conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS Hazardous reactions will not occur under normal transport and storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 CONDITIONS TO AVOID Heat

10.5 INCOMPATIBLE MATERIALS Materials to Avoid: strong oxidising agents. Strong acids.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS In combustion emits toxic fumes

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Relevant hazards for product.

<u>HAZARD</u>	<u>ROUTE</u>	<u>BASIS</u>
Acute toxicity (AC.TOX 4)	ING	Hazardous; calculated
Skin corrosion / irritation	DRM	Hazardous; calculated
Serious eye damage / irritation	OPT	Hazardous; calculated
STOT repeated exposure	-	Hazardous; calculated

SYMPTOMS / ROUTES OF EXPOSURE

SKIN CONTACT	There may be irritation and redness at the site of contact.
EYE CONTACT	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
INGESTION	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be difficulty swallowing. There may be vomiting.
INHALATION	There may be irritation of the throat with a feeling of tightness in the chest. Absorption through the lungs can occur causing

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DELAYED / IMMEDIATE EFFECTS

symptoms similar to those of ingestion.

Immediate effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1	<u>TOXICITY</u>	Ecotoxicity Values: No data available
12.2	<u>PERSISTENCE AND DEGRADABILITY</u>	Biodegradable
12.3	<u>BIOACCUMULATIVE POTENTIAL</u>	No bioaccumulation potential.
12.4	<u>MOBILITY IN SOIL</u>	No data available
12.5	<u>RESULT OF PBT AND vPvB ASSESSMENT</u>	This product is not identified as PBT/vPvB substance.
12.6	<u>OTHER ADVERSE EFFECTS</u>	Negligible ecotoxicity

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<u>WASTE TREATMENT METHOD</u>	
	DISPOSAL OPERATIONS	Transfer to a suitable container and arrange for collection by specialised disposal company.
	NB	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

14.1	<u>UN NUMBER</u>	UN3341
14.2	<u>UN PROPER SHIPPING NAME</u>	Thiourea Dioxide
14.3	<u>TRANSPORT HAZARD CLASS(ES)</u>	4.2
14.4	<u>PACKING GROUP</u>	III
14.5	<u>ENVIRONMENTAL HAZARDS</u>	Environmentally Hazardous: No Marine Pollutant: No
14.6	<u>SPECIAL PRECAUTIONS FOR USER</u>	Special Precautions: No special Precautions Tunnel Code: E Transport Category 3

SECTION 15: REGULATORY INFORMATION

15.1	<u>SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE</u>	
	SPECIFIC REGULATIONS	Not applicable

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15.2 CHEMICAL SAFETY ASSESSMENT

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

Phrases used in s.2 and s.3:

H251: self-heating: may catch fire

H302: harmful if swallowed

H315: causes skin irritation

H318: causes serious eye damage

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

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