1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME CONGO RED (1% AQUEOUS)

PRODUCT CODE 64032x

SUPPLIER Clin-Tech Limited
Unit G, Perram Works
Merrow Lane
Guildford, Surrey
GU4 7BN
UK

Telephone +44 (0)1483 301902
Fax +44 (0)1483 301907

Email info@clin-tech.co.uk
Website www.clin-tech.co.uk

2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 [EU-GHS/CLP]
Carcinogenicity (Category 1B)

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

DANGER

Hazard statement(s)
H350 May cause cancer

Precautionary statement(s)
P281 Use personal protective equipment as required
P308+P313 IF exposed or concerned: Get medical advice/attention

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
CONGO RED [CI 22120]	209-358-4	573-58-0	1-5%	Carc. 1B, Repr. 2 H350 H361d
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)				

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: Dry chemical, Alcohol-resistant foam, Water spray, or Carbon dioxide.

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 SDS. Evacuate personnel from the affected 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

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	Red Liquid
ODOUR	None
(SOLUBILITY) / MISCIBLE WITH:	Water; Ethanol; Ether; Benzene; Organic solvents
MELTING POINT	~ 0 °C
BOILING POINT	~ 101 °C
SPECIFIC GRAVITY	1.01 @ 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.

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

11. TOXICOLOGICAL INFORMATION

INHALATION
May be harmful by inhalation. May cause respiratory tract irritation.

INGESTION
May be harmful if swallowed.

SKIN CONTACT
May be harmful if absorbed through the skin. May cause skin irritation.

EYE CONTACT
May cause eye irritation.

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	*Not regarded as hazardous for transport*			
IATA				
IMDG				

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.	04
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	05/2013

HAZARD STATEMENTS IN FULL

H350	May cause cancer
H361d	Suspected of damaging fertility or the unborn child