

# FTL 510 H&S

The ingredients listed in this data sheet are contained in the product identified. Exact formulations are considered proprietary and confidential and as such precise product information will not be disclosed, other than to a health professional in accordance with the regulations, without and approved Secrecy Agreement.

The company shall in no event be responsible for any damages of whatever nature directly or indirectly resulting from the publication or use of or reliance upon the data provided herein. No express or implied warranty of any kind, including warranties of sale of fitness for use.

## PRODUCT IDENTIFICATION: 510

## APPLICATION: INDUSTRIAL BRAKES AND CLUTCHES

### 1.- SPECIFICATIONS

<b>Manufacturer:</b>	Industrial Clutch parts Ltd.
<b>Address:</b>	Industrial Clutch parts Ltd. Unit 11, Bingswood industrial Estate, Whaley Bridge, High Peak, United kingdom SK23 7EL
<b>Telephone:</b>	+44(0) 1663 734 627
<b>Fax:</b>	+44(0) 8704 796 989

### 2.- HAZARDS IDENTIFICATION

CLASSIFICATION AND IDENTIFICATION OF HAZARDS	
<b>Hazards for the humans:</b>	No health risk have so far been known in cases where this product has been handled and processed properly
<b>Hazards for the environment:</b>	NK

### 3.- COMPOSITION INFORMATION

Name	CAS N°(EINECS)	%WEIGH	Phrase R	OSHA PEL	ACGIH TLV
<b>Copper:</b>	744-50-8	<1	NA	1mg/m <sup>3</sup>	0mg/m <sup>3</sup>
<b>Chromium:</b>	7440-47-3	<1	NA	1mg/m <sup>3</sup>	0.5mg/m <sup>3</sup>
<b>Phenolic resins:</b>	409-21-2	<1	NA	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>
<b>Carbon products:</b>	64743-05-1	<1	NA	5mg/m <sup>3</sup>	3mg/m <sup>3</sup>
<b>Graphite:</b>	7782-42-5	<1	NA	2.5mg/m <sup>3</sup>	2mg/m <sup>3</sup>

#### 4.- EMERGENCY AND FIRST AID PROCEDURES

<b>Inhalation:</b>	During the mechanical processing of this product dust particles can be given off. A health risk caused by inhalation does not exist, if our safety instruction are observed. Anyone that has been exposed to excessive quantities of dust should immediately go outside for fresh air. They should seek medical attention if coughing or other symptoms develop.
<b>Ingestion:</b>	If dust is swallowed, rinse mouth with water and obtain medical advice
<b>Skin contact:</b>	Wash with soap and water for 15 minutes. Obtain medical advice if irritation
<b>Eye contact:</b>	Irrigate with large amounts of water. Obtain medical advice if irritation does not disappear

#### 5.- FIRE HAZARD DATA

<b>Extinguisher:</b>	Water, CO <sub>2</sub> , foam, dry powder
<b>Exposure hazards:</b>	NA
<b>Protective equipment:</b>	Protective equipment for firefighting

#### 6.- ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid breathing and inhalation of dust. Use PPE as identified in Section 8
<b>Cleaning measures:</b>	Dust has to be collected by cleaned with a wet cloth or vacuum
<b>Environmental Precautions:</b>	No special precaution required

#### 7.- HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Provide appropriate exhaust ventilation at places where dust is formed. Wet sweep or vacuum for dust cleaning.
<b>Storage:</b>	Keep the material stored in a clean and dry place.

#### 8.- EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Information about design of technical facilities:</b>	Ensure ventilation to maintain airborne dust levels to below established exposure standard. Use vacuum to remove dust instead of compressed air
<b>Respiratory Protection:</b>	In case of manufacture product auto-filter mask (FFP1S) maximum level of use: 4x TVL for particles.
<b>Skin protection:</b>	Handle with gloves and wear long sleeve shirts or suitable protective clothing, e.g. general overalls
<b>Eye protection:</b>	Use appropriate goggles when machining or abrading products

## 9.- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid Sintered.
<b>Odour:</b>	Characteristic friction material odour at high temperatures
<b>Flammability:</b>	NA LEL UEL
<b>Water Solubility:</b>	No
<b>Explosive Properties:</b>	Non-hazardous as supplied but dust from grinding can presents an explosion hazard.
<b>Density:</b>	4.5-5g/cm <sup>3</sup>

## 10.- STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous decomposition products:</b>	No hazardous decomposition products known.
<b>Incompatibility with materials:</b>	Nk
<b>Conditions to avoid:</b>	Prolonged exposure to elevated temperatures, >300°C
<b>Hazardous Polymerization:</b>	Will not occur.

## 11.- TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	May cause irritation to upper respiratory tract.
<b>Eye contact:</b>	May cause irritation
<b>Skin contact:</b>	May cause temporary irritation
<b>Ingestion:</b>	NK

## 12.- ECOLOGICAL INFORMATION

<b>Eco Toxicity:</b>	NK
<b>Mobility:</b>	NK
<b>Biodegradation:</b>	NK
<b>Bio Accumulation:</b>	NK

### 13.- DISPOSAL CONSIDERATIONS

<b>General:</b>	Seal all dust created by abrading in impervious bags and dispose to a suitable licensed landfill site
<b>Disposal Methods:</b>	Remove all packaging for recovery or incinerate/landfill

### 14.- TRANSPORT INFORMATION

<b>Transport:</b>	Not classified as dangerous for conveyance. Use any container of suitable size and length
-------------------	---

### 15.- REGULATORY INFORMATION

<b>EEC Classification:</b>	This product is not considered dangerous according to 67/548/EEC directive it modifications and adaptations.
<b>Refer to:</b>	Australian Inventory of Chemical Substances (AICS) Canadian Domestic Substances list (DSL) Inventory Chino (IENCS) European Inventory of Existing Commercial Chemical Substances (EINECS) Japanese Existing and New Chemical Substances (ENCS) Philippine Inventory of Chemicals and Chemical Substances (PICCS) United States Toxic Substances Control Act (TSCA) ACGIH TLV-TWA American Conference of Governmental Industrial Hygienists. (COSHH) Control of Substances hazardous to Health

### 16.- OTHER INFORMATION

<b>Issued By:</b>	Industrial Clutch Parts LTD
<b>Issue Date:</b>	17/11/2017
<b>Note:</b>	This information is based on our present knowledge and is accurate at the date of issue, to the best knowledge of Industrial Clutch Parts Ltd. However, it shall not constitute a guarantee for any specific product featured and shall not establish a legally contractual relationship and condition or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.