

FTL511 H&S

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PRODUCT IDENTIFICATION: FTL511

APPLICATION: INDUSTRIAL BRAKES AND CLUTCHES

1.- SPECIFICATIONS

Manufacturer:	Friction Technology LTD
Address:	Friction Technology Ltd Unit 11, (Zone 5), Cibyn. Industrial Estate. Caernarfon. Gwynedd. LL55 WALES
Telephone:	+44(0) 1286 875 197

2.- HAZARDS IDENTIFICATION

Symbols and hazard labelling of the product	
Reg. 1272/2008/CE	Not hazardous
Classification and identification of hazards	
General Information	This product / article as such can be considered inert and harmless.
Reg. 1272/2008/CE	---
Hazards for the humans	The material does not present hazards to humans in normal use
Hazards for the environment	This product / article as such can be considered inert, insoluble and not hazardous to environment
Physical or chemical hazards	The product / article as such is considered to be non-hazardous and inert.
Risk statements R, Hazard statements H	
Reg. 1272/2008/CE	---
Precautionary statements	
Precautionary statements P (Reg. 172/2008/CE)	Storage P501 - Dispose of contents/container to an approved waste disposal plant

3.- COMPOSITION INFORMATION

Name	CAS N°(EINECS)	CE N°	%WEIGH
Iron (m.w.55.85g/mol):	231-096-4	7439-89-6	<80

4.- EMERGENCY AND FIRST AID PROCEDURES

Inhalation:	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.
Ingestion:	If dust is swallowed, rinse mouth with water and obtain medical advice
Skin contact:	Wash with soap and water for 15 minutes. Obtain medical advice if irritation
Eye contact:	Irrigate with large amounts of water. Obtain medical advice if irritation does not disappear

5.- FIRE HAZARD DATA

Extinguisher:	FTL 511 is a non-flammable product so non suitable extinguishing agents or hazards caused by the preparation or combustion gases have to be considered.
Exposure hazards:	NA
Protective equipment:	NA

6.- ACCIDENTAL RELEASE MEASURES

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

7.- HANDLING AND STORAGE

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

8.- EXPOSURE CONTROLS/ PERSONAL PROTECTION

Information about design of technical facilities:	Ensure ventilation to maintain airborne dust levels to below established exposure standard. Use vacuum to remove dust instead of compressed air
Respiratory Protection:	Respiratory protection is not required in the normal use. Use type N95 (US) or type P1 (EN 143) dust masks, just during dismounting where some powder could be generated.
Skin protection:	Handle with gloves and wear long sleeve shirts or suitable protective clothing, e.g. general overalls. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Eye protection:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU), during dismounting where some powders could be generated.

9.- PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid Sintered.
Odour:	Characteristic friction material odour at high temperatures
Flammability:	NA
Water Solubility:	No
Melting point:	>1000°C
Density:	4.5-5g/cm ³

10.- STABILITY AND REACTIVITY

Stability:	Stable
Hazardous decomposition products:	Strong acids, strong oxidizing agents, acid chlorides, halogens.
Incompatibility with materials:	NK
Conditions to avoid:	NK
Hazardous Polymerization:	Will not occur.

11.- TOXICOLOGICAL INFORMATION

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

12.- ECOLOGICAL INFORMATION

Eco Toxicity:	NK
Mobility:	NK
Biodegradation:	Nk
Bio Accumulation:	NK

13.- DISPOSAL CONSIDERATIONS

European waste catalogue:	For disposal within the EU is roughly from the code used by the sudden refusal to register the European Waste Catalogue (EWC).
Disposal:	Dispose of in compliance with all applicable international, national and local. Not be disposed together with household refuse. Dispose of as industrial

14.- TRANSPORT INFORMATION

Transport:	Not classified as dangerous for conveyance. Use any container of suitable size and length
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15.- REGULATORY INFORMATION

Precautionary statements (Reg. 1272/2008/CE):	P501: Dispose of contents/container to an approved waste disposal plant
Other regulation references:	Reg. 1272/2008/CE (classification, labelling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) 1907/2006/CE. This product does not contain substances classified as carcinogenic cat. 1 or 2 according to Reg. 790/2009/CE.

16.- OTHER INFORMATION

Issued By:	Friction Technology LTD
Issue Date:	17/11/2017
Bibliographic references:	ECDIN - Environmental Chemical Data and Information Network IUCLID - International Uniform Chemical Information Data Base NIOSH - Registry of Toxic Effects of Chemical Substances ChemDAT - Safety Data Sheets from E. Merck on CD-ROM
Further information:	The information herein is correct at the Reg. 790/2009/CEII product conforms to the requirements provided in Title II of Regulation 1907/2006/EC. (the registration of substances). None of the substances in this product is subject to authorization (annex 14) or is included in the candidate list of this sheet
Note:	This information is based on our present knowledge and is accurate at the date of issue, to the best knowledge of Friction Technology 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.