SAFETY DATA SHEET

Version 17.1 replaces Version 15.1
Revision date: 13.01.2017
According to (EU) No. 2015/830

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

1.1 Product identifier: **ZYGLO® ZL-67B**

1.2 Relevant identified uses of the mixture and uses advised against:.

Relevant identified uses: Fluorescent penetrant used in Non Destructive Testing (NDT) inspection.

Uses advised against: This product is not recommended for any use other than the identified uses above.

1.3 Details of the supplier of the safety data sheet

Manufacturer: Magnaflux® (A Division of ITW Ltd)

Address: Faraday Road, South Dorcan Industrial Estate, Swindon, UK

Postcode: SN3 5HE

Telephone/fax number:
Telephone: +44 (0)1793 524566
Fax: +44 (0)1793 490459
Web: www.eu.magnaflux.com

Email address of competent person responsible for SDS: datasheets@magnaflux.co.uk

National contact: None appointed

1.4 Emergency telephone number: DURING OFFICE HOURS, CALL:
T: +44 (0)1793 524566 (English)

Opening hours: Office hours (GMT) Monday - Thursday 8am - 5pm, Friday 8am - 4pm
OUT OF OFFICE HOURS, CALL:
T:+44 (0)203 394 9866

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 (CLP):

Physical and Chemical Hazard:
None.
Health Hazard:
Acute Tox. 4 H302
Eye Dam. 1 H318
Skin Irrit. 2 H315
Environmental Hazard:
None.

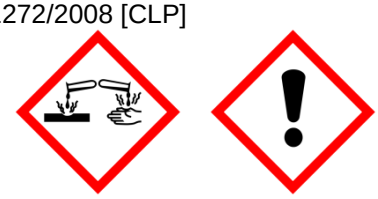
Additional information None.

For full text of hazard statements and EU hazard statements see SECTION 16.

2.2 Label Elements:

Labelling according to regulation (EC) No 1272/2008 [CLP]

Hazard Pictograms:



Signal Word:	Danger
Hazard Statement(s):	H302: Harmful if swallowed. H318: Causes serious eye damage. H315 Causes skin irriation.
Precautionary Statement(s):	P264: Wash thoroughly 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. P310: Immediately call a POISON CENTRE or doctor. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P501: Dispose of contents to hazardous waste or special collection point.
Supplementary Precautionary Statement(s):	P270: Do not eat, drink or smoke when using this product. P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P330: Rinse mouth. P332+P313: If skin irritation occurs: Get medical advice/attention. P362+P364: Take off contaminated clothes and wash it before re-use.
Supplementary Hazard Information (EU)	None
Hazard Determining Componenet(s)	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether Fatty alcohol alkoxylate 8

2.3 Other hazards:

Spilled liquid could present a slip hazard.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredient Name	CAS No	EC No	REACH Registration Number	% Weight	Classification according to Regulation (EC) No 1272/2008 [CLP]	Additional information
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	-	-	50 - 60	Acute Tox. 4, H302 Eye Dam. 1, H318	-
fatty alcohol alkoxylate 8	-	Starting materials listed	02-2119548508-30	< 20	Skin Irrit. 2 H315	-
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	-	920-107-4	01-2119453414-43	< 10	Asp. Tox. 1, H304	EUH066

Note: Hazard statement(s) in this section apply only to raw materials, not necessarily to finished products.
**See Section 16 for hazard statement(s) text in full.*

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures:

General notes: If symptoms persist, seek medical attention. Show this safety data sheet to the doctor in attendence.

Following inhalation: Remove to fresh air. Keep at rest. If not breathing give artifical respiration. Seek medical attention immediately.

Following skin contact: Flush with water, use soap if available. Contaminated clothing should be washed before re-use. If irritation persists seek medical attention.

Following eye contact: Flush eyes with large amounts of water for at least 15 minutes with eyelids held open. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention immediately.

Following ingestion: Rinse mouth thoroughly. Do NOT induce vomiting. If vomiting occurs,keep head low so that stomach contents doesn't enter the lungs. Never give anything by mouth to an unconscious person. Seek medical attention.

Self-protection of the first aider: No action shall be taken involving any personal risk or without suitable training. If it is suspected that the mixture is still present, wear appropriate personal protective equipment.

4.2 Most important symptoms, both acute and delayed:

Risk of serious damage to eyes.
Vapours may cause headache, fatigue, dizziness and nausea.
Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pheumonia.
No delayed effects known.

4.3 Indication of any immediate medical attention and special treatment needed:

Eye wash bottle must be readily available when product is in use.

SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Carbon dioxide, foam, dry chemical, water fog or spray.

Unsuitable extinguishing media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture:

Evacuate immediate area. If possible keep unaffected containers cool with water spray. Smoke, soot, oxides of carbon on combustion. Burning vapour may give off toxic fumes.

Hazardous combustion products: Gaseous oxides of carbon and nitrogen. Burning vapour may contain other toxic and harmful gases.

5.3 Advice for fire-fighter:

Self contained breathing apparatus and full protective clothing must be worn. Water spray should be used to cool containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Suitable protective equipment (see Section 8) should be worn to prevent any contamination of skin, eyes and personal clothing.

For non-emergency personnel: Remove ignition source. Avoid breathing vapours, mist or gas and ensure adequate ventilation. Vapours are likely to accumulate in low areas. Avoid contact with skin and eyes.

For emergency responders: Remove iginition source. Avoid breathing vapours and ensure adequate ventilation. Avoid contact with skin and eyes. Keep unnecessary people at a safe distance.

6.2 Environmental precautions:

Prevent liquid from entering drains sewers and watercourses.
Notify the Environment Agency or water authorities if a major spillage occurs. Prevent product contaminating soil.

6.3 Methods and material for containment and cleaning up:

Eliminate sources of ignition. Take measures to prevent the build-up of electrostatic charge.

For containment: Contain spillage, and then collect with non-combustible absorbent material, (e.g. Sand, earth, diatomaceous earth, vermiculite). Place in a container for disposal according to local/national regulations.
Large spills should be pumped into containers pending disposal. Dispose of waste according to local/national regulations.

For cleaning up: Allow residues to evaporate. Do not flush away residues with water.

Other information: No other information.

6.4 Reference to other sections:

For Personal Protective Equipment see Section 8. For disposal information see Section 13.

SECTION 7 HANDLING & STORAGE

7.1 Precautions for safer handling:

Protective Measures:	Wear suitable protective clothing such as chemical resistant gloves, apron and goggles/face mask to protect from splashes. Avoid contact with skin and eyes. Ensure adequate exhaust ventilation when in use.
Measures to prevent fire:	Keep away from sources of ignition. Take measures to prevent the build up of electrostatic charge.
Advice on general occupational hygiene:	Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures and storage conditions:	Store in a cool dry area away from heat and sources of ignition. Keep containers closed when not in use.
Packaging materials:	Store in original container.
Requirements for storage rooms and vessels:	Store locked up. Recommended storage temperature 10 ºC to 30 ºC. Keep containers out of direct sunlight.
Further information on storage conditions:	Rotate stock and check regularly for damaged items.

7.3 Specific end use(s):

Recommendations:	Use only for Non Destructive Testing (NDT) applications.
Industrial sector specific solutions:	See product data sheet for further information.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limit values:

Occupational exposure figures have been set for some of the components of this preparation based on GESTIS International Limit Values or manufacturers' recommendation.

Ingredient Name	Country	Limit Value – 8 hours		Limit value – short term	
		ppm	mg/m^3	ppm	mg/m^3
Hydrocarbons C12 - C15 n-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS	Supplier's recommendation	150	1200		
Data obtained from supplier's SDS.					

Note: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.

Derived No Effect Level (DNEL) - Hydrocarbons C12 - C15 n-alkanes, isoalkanes, cyclics, < 2% aromatics

End User	Exposure Route	Exposure Time	Effects	DNEL
Worker	Inhalation	Long term	Systemic	No-threshold effect and/or no dose-response information available
Worker	Inhalation	Short term	Local	No-threshold effect and/or no dose-response information available
Worker	Dermal (skin)	Long term	Systemic	No-threshold effect and/or no dose-response information available

Note: The Derived No Effect Level (DNEL) is an estimated safe level of exposure that is derived from toxicity data in accordance with specific guidance within the European REACH regulation. The DNEL may differ from an Occupational Exposure Limit (OEL) for the same chemical. OELs may be recommended by an individual company, a government regulatory body or an expert organization, such as the Scientific Committee for Occupational Exposure Limits (SCOEL) or the American Conference of Governmental Industrial Hygenists (ACGIH). OELs are considered to be safe exposure levels for a typical worker in an occupational setting for an 8-hour work shift, 40 hour work week, as a time weighted average (TWA) or a 15 minute short-term exposure limit (STEL). While also considered to be protective of health, OELs are derived by a process different from that of REACH.

Predicted No Effect Concentration (PNEC) - Hydrocarbons C12 - C15 n-alkanes, isoalkanes, cyclics, < 2% aromatics

Water - Fresh Water	No data available, testing technically not feasible
Water - Marine Water	No data available, testing technically not feasible
Water - Intermittent release	No data available, testing technically not feasible
Sediment - Fresh water	No data available, testing technically not feasible
Sediment - Marine water	No data available, testing technically not feasible
Soil	No data available, testing technically not feasible
Sewage Treatment plant	No data available, testing technically not feasible

8.2 Exposure controls:

Concentrations of product vapours and mists in the working atmosphere must be kept as low as is reasonably practicable. Exposure should be minimised by the use of appropriate containment, engineering control and ventilation measures. Where this is not possible, personal protective equipment should be worn as indicated below where appropriate.

Appropriate engineering controls:

Provide adequate ventilation, including appropriate local extraction to ensure that the defined occupational exposure limits are not exceeded.
Provide eye wash station.

Personal protection equipment:

Eye and face protection:

Safety glasses with side-shields conforming to EN166.

Skin protection - hand:

Protective gloves conforming to EN374-3.
Use chemical resistant gloves recommended by glove manufacturer as being suitable for kerosenes and alcohol alkoxylates if hand exposure is unavoidable.
Protective gloves made of nitrile rubber are suitable, although other types may be more suitable in other circumstances.
For prolonged exposure, recommended gloves with protective index 6, > 480 minutes permeation time according to EN374.
As the product is a preparation, consult the glove manufacturer for exact breakthrough time. Glove manufacturer's directions for use should be observed.

Skin protection – other:	Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of dangerous substance at the specific workplace.
Respiratory protection:	Use a respirator with appropriate canister type filter cartridge if spraying in confined or unventilated areas. Required, if exposure limit is exceeded. Use respiratory equipment with gas filter type A2P3 (EN141). Use respirators and components tested and approved under CEN standards.
Thermal hazards:	Not applicable.
Environmental exposure controls:	Avoid any release to the environment.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	Yellow/green liquid.
Odour:	Mild.
Odour threshold:	No data available.
pH:	Neutral.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	230 ºC.
Flash point (PMCC):	93 ºC (minimum).
Evaporation rate (BuAC = 100):	< 0.1.
Flammability (solid, gas) (Limits in air):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapour pressure:	<0.5 mm Hg @ 20 ºC.
Vapour density (Air = 1):	> 1
Relative density:	0.96 g/cm^3
Solubility:	Emulsifies
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity (ASTM D445):	22.5 mm^2/s @ 20 ºC.
Explosive properties:	Not considered to be explosive.
Oxidising properties:	No data available.

Note: properties relate to the bulk product only unless otherwise stated.

9.2 Other information:
No other information.

SECTION 10 STABILITY & REACTIVITY

10.1	**Reactivity:**	No hazardous reactions if stored and handled as prescribed.
10.2	**Chemical stability**	Stable under normal conditions of use and applications.
10.3	**Possibility of hazardous reactions:**	No hazardous reactions when stored and handled according to instructions.
10.4	**Conditions to avoid:**	Keep away from sources of ignition, hot surfaces and direct sunlight.
10.5	**Incompatible materials:**	Strong oxidising agents.

10.6 **Hazardous decomposition materials:** None under normal conditions of storage and use. Smoke, soot and oxides of carbon on combustion.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 **Information on toxicological effects:** based on data for component materials.

Acute toxicity - oral: Acute Tox. 4 - H302: Harmful if swallowed.

Acute toxicity – dermal: Based on the available data, the classification criteria are not met.

Acute toxicity – inhalation: Based on the available data, the classification criteria are not met.

Skin corrosion/irritation: Skin Irrit. 2 - H315: Causes skin irritation.

Serious eye damage/irritation: Eye Dam. 1 - H318: Causes serious eye damage.

Respiratory sensitisation: Based on the available data, the classification criteria are not met.

Skin sensitisation: Based on the available data, the classification criteria are not met.

Germ cell mutagenicity: Ingredients in this mixture are not classified as mutagenic according to current regulations.

Carcinogencity: Ingredients in this mixture are not classified as carcinogenic according to current regulations.

Reproductive toxicity: Based on the individual components, this preparation is not expected to show reproductive toxicity.

STOT single exposure: Data lacking.

STOT repeated exposure: Data lacking.

Aspiration hazard: Based on the available data, the classification criteria are not met.

Information on likely Routes of Exposure and Potential Health Effects:

Inhalation: May cause irritation to the respiratory system. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

Ingestion: May be harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Ingestion may cause irritation of the mouth, throat and digestive tract.

Eye contact: Causes serious eye damage.

Skin contact: Causes skin irritation.

Toxicity Test Results: based on data for component materials, where available.

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether

Acute Toxicity – oral	LD50 (rat)	> 500 - < 2000 mg/kg
Acute Toxicity – dermal	LD50 (rat)	No data available
Acute Toxicity – inhalation	LC50 (rat)	No data available

fatty alcohol alkoxylate 8

Acute Toxicity – oral	LD50 (rat)	> 2000 mg/kg
Acute Toxicity – dermal	LD50 (rabbit)	No data available
Acute Toxicity – inhalation	LC50 (rat)	No data available

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Acute Toxicity – oral	LD50 (rat)	> 5000 mg/kg
Acute Toxicity – dermal	LD50 (rabbit)	> 5000 mg/kg
Acute Toxicity – inhalation	LC50 (rat)	> 4951 mg/l (vapours) 4 hours

Other Information: No other information.

SECTION 12 ECOLOGICAL INFORMATION

Based on data for component materials

12.1 Toxicity:

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether

Fish	Brachydanio rerio	LC50	96 hours	>10 - 100 mg/l
Aquatic Invertebrates	Daphnia magna	EC50	48 hours	> 1 - 10 mg/l
Aquatic Plants	Scenedesmus subspicatus	EC50	72 hours	>10 - 100 mg/l

fatty alcohol alkoxylate 8

Fish	Leuciscus idus	LC50	96 hours	1 - 10 mg/l
Microorganisms	Activated sludge	DEV-L2		>1000 mg/l

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Fish	Onchorynchus mykiss	LC50	96 hours	1000 mg/l

12.2 Persistence and degradability: Readily biodegradable.

12.3 Bioaccumulative potential: No data available.

Partition coefficient: n-octanol/water (log Kow): No data available.

Bioconcentration factor (BCF): No data available.

12.4 Mobility in soil: Oxirane, 2-methyl -, polymer with oxirane, mono(2-propylheptyl) ether and fatty alcohol alkoxylate 8 - these substances will not evaporate. Adsorption to solid soil phase is possible.

12.5 Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects: No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Dispose of waste and residues in accordance with local authority requirements. Seek the advice of an approved waste disposal contractor for disposal at a licensed facility in accordance with local, state or national legislation.

Product/packing disposal:	Empty containers may contain residue and can be dangerous. Do NOT remove labels.
Waste codes/waste designations according to LoW:	None assigned.

NOTE: Waste codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use. Waste producers need to assess the actual process used when generating the waste and its contaminants in order to assign the proper waste code(s).

Waste treatment – relevant information:	Dispose of waste and residues in accordance with local authority requirements. Seek the advice of an approved waste disposal contractor for disposal at a licensed facility in accordance with local, state or national legislation.
Sewage disposal – relevant information:	Do not empty down the drain.
Other disposal recommendations:	Use a licensed waste contractor.

SECTION 14 TRANSPORT INFORMATION

14.1	**UN number:**	ADR/RID:	-
		IMDG:	-
		IATA:	-
14.2	**UN proper shipping name:**	ADR/RID:	Not dangerous goods.
		IMDG:	Not dangerous goods.
		IATA:	Not dangerous goods.
14.3	**Transport hazard class(es):**	ADR/RID:	-
		IMDG:	-
		IATA:	-
14.4	**Packing group:**	ADR/RID:	-
		IMDG:	-
		IATA:	-
14.5	**Environmental hazards:**	ADR/RID:	-
		IMDG:	-
		IATA:	-

14.6 Special precautions for user:
Not applicable.

14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC code:
Not applicable.

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations:
This data sheet complies with the requirements of Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures
Safety data sheet as required by EC-Regulations 1907/2006 and REACH Annex II Amendment (EU) No. 2015/830.

Information according to 2013/10/EU and 2008/47/EC amendment of the aerosol directive 75/324/EEC.
Not applicable - this product is not an aerosol.

National regulations (Germany):	
Wassergefahrdungklasse (water hazard class):	WGK 2 – Hazard to waters.
TechnischeAnleitungLuft (TA-Luft):	Class 5.2.5 Organic substances, except dusts.

15.2 Chemical safety assessment:
No chemical safety assessment has been carried out for this mixture by the supplier.

SECTION 16 OTHER INFORMATION

(i) Indication of changes:
This safety data sheet has been updated to meet the requirements of Regulation EU No. 2015/830 and Regulation (EC) No 1272/2008. Removal of the Classification according to 67/548/EEC as amended & Directive 1999/45/EC.
Version 17.1 Also updated in Sections 1,2,3,4,8,11,13 and 16 due to updated safety information.
Vertical lines on the left hand side indicate an amendment from the previous version.

(ii) Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road (Accord européen relatif au transport international des marchandises Dangereuses par Route)
CAS No.	Chemical Abstracts Service number
CEN	European Committee for Standardisation
CLP	Classification, Labelling Packaging Regulation; Regulation (EC) No 1272/2008
ECHA	European Chemicals Agency
EC50	Half Maximal Effective Concentration
EC number	EINECS and ELINCS number
EINECS	European Inventory of Existing Commercial Substances
ELINCS	European List of notified Chemical Substances
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population
MPI	Magnetic Particle Inspection
NDT	Non-Destructive Testing
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative and Toxic Substance
PMCC	Pensky-Martens closed cup method
PPE	Personal Protection Equipment
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation EC (No) 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail (Reglement International concernant le transport des marchandises Dangereuses par chemin de fer)
SDS	Safety Data Sheet
STOT RE	Specific Target Organ Toxicity, Repeat Exposure
STOT SE	Specific Target Organ Toxicity, Single Exposure
TA-Luft	Technical Instructions on Air Quality Control (Technische Anleitung zur Reinhaltung der Luft)
vPvB	Very Persistent and Very Bioaccumulative
WEL	Workplace Exposure Limit
WGK	German Water Hazard Class (Wassergefährdungsklasse)

(iii) Key literature and sources of data:
- Supplier's safety data sheets for components listed in Section 3.
- European Chemicals Agency, http://echa.europa.eu/

- GESTIS International Limit Values Database, http://limitvalue.ifa.dguv.de/Webform_gw.aspx
- Occupational Exposure Limits EH40/2005.
- Commission regulation (EU) 2015/830.
- Control of Substances Hazardous to Health Regulations 2002.
- Hazardous waste regulations 2005.
- Health & Safety at Work Act 1974.
- Regulation (EC) 1907/2006 (REACH).
- Regulation (EC) 1272/2008 (CLP).
- http://logkow.cisti.nrc.ca/logkow/index.jsp
- http://webrigoletto.uba.de/rigoletto/public/searchRequest.do?event=request
- IFA Database on Hazardous Substances, http://www.dguv.de/ifa/Gefahrstoffdatenbanken/GESTIS-Stoffdatenbank/index-2.jsp

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

Classification according to Regulation (EC) No 1272/2008	Classification procedure
Acute Tox. 4, H302	Calculation Method
Eye Dam. 1, H318	Calculation Method
Skin Irrit. 2, H315	Calculation Method

(v) Hazard statements (number and full text):
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318: Causes serious eye damage.
EUH066: Repeated exposure may cause skin dryness or cracking.
Hazard Class Category Code (number and full text):
Acute Tox. 4: Acute Toxicity
Asp. Tox. 1: Aspiration hazard
Eye Dam. 1: Serious eye damage/eye irritation
Skin Irrit. 2: Skin corrosion/irritation
Relevant precautionary statements (number and full text):
P264: Wash thoroughly 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.
P310: Immediately call a POISON CENTRE or doctor.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P501: Dispose of contents to hazardous waste or special collection point.
P270: Do not eat, drink or smoke when using this product.
P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330: Rinse mouth.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothes and wash it before re-use.P264: Wash thoroughly after handling.

(vi) Training advice:
Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene. Chemical hazard risk assessment. Provide adequate information, instruction and training to operators.

SAFETY DATA SHEET

DISCLAIMER

The information and recommendations contained herein are based upon data believed to be up-to-date and correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information and recommendations contained herein. We accept no responsibility and disclaim all liability for any harmful effects that may be caused by (incorrect) use, handling, purchase, resale, or exposure to our product. Customers and users of our product must comply with all applicable health and safety laws, regulations, and orders. In particular, they are under an obligation to carry out a risk assessment for the particular work places and to take adequate risk management measures in accordance with the national implementation legislation of EU Directives 89/391/EEC and 98/24/EC amended by Directive 2014/27/EU.

Revision summary:	**Revision Comments**	This SDS is valid from the Revision Date. If you require a SDS for the product manufactured before the revision date please contact us at datasheets@magnaflux.co.uk.
	Revision Date	13.01.2017
	Version	17.1