

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

### 1.1. PRODUCT IDENTIFIER

Product form : Mixture  
 Product name : Magnaglo® WB-655

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

#### 1.2.1. Relevant identified uses

Main use category : Industrial use  
 Use of the substance/mixture : Non-Destructive Testing.

#### 1.2.2. Uses advised against

No additional information available

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Magnaflux® (A Division of ITW Ltd)  
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 SN3 5HE Swindon - UK  
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### 1.4. EMERGENCY TELEPHONE NUMBER

Emergency number : DURING OFFICE HOURS, CALL T: +44 (0)1793 524566 (English only) [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]

Eye Irrit. 2 H319  
 Repr. 1B H360D  
 Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. LABEL ELEMENTS

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) : Danger  
 Hazardous ingredients : 9-Octadecenoic acid (Z)-, sulfonated, potassium salts  
 Hazard statements (CLP) : H319 - Causes serious eye irritation.  
 H360D - May damage the unborn child.  
 H412 - Harmful to aquatic life with long lasting effects.  
 Precautionary statements (CLP) : P201 - Obtain special instructions before use.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P308+P313 - If exposed or concerned: Get medical advice/attention.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations  
 EUH-statements : EUH208 - Contains 1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol, .alpha.,.alpha.',.alpha."-trimethyl-. May produce an allergic reaction.  
 Unknown acute toxicity (CLP) - SDS : 1.66% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
 1.66% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
 34.28% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))  
 Unknown hazards to the aquatic environment (CLP) : Contains 4.14 % of components with unknown hazards to the aquatic environment

**2.3. OTHER HAZARDS**

No additional information available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**
**3.1. SUBSTANCES**

Not applicable

**3.2. MIXTURES**

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C12-15, ethoxylated propoxylated	(CAS-No.) 68551-13-3 (EC-No.) 614-582-4	< 2	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
9-Octadecenoic acid (Z)-, sulfonated, potassium salts	(CAS-No.) 68609-93-8 (EC-No.) 271-843-1	1 - 5	Eye Irrit. 2, H319 Repr. 1B, H360D
2-Phenoxyethanol	(CAS-No.) 122-99-6 (EC-No.) 204-589-7 (EC Index-No.) 603-098-00-9	1 - 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Oxazolidine, 3,3'-methylenebis[5-methyl-	(CAS-No.) 66204-44-2 (EC-No.) 266-235-8	< 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1C, H314
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol, .alpha.,.alpha.',.alpha."-trimethyl-	(CAS-No.) 25254-50-6 (EC-No.) 246-764-0	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

Full text of H-statements: see section 16

**SECTION 4: FIRST AID MEASURES**
**4.1. DESCRIPTION OF FIRST AID MEASURES**

- First-aid measures general : IF exposed or concerned: Get medical advice/attention.
- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

**4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

- Symptoms/effects : May damage the unborn child.
- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking. Contains 1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol, .alpha.,.alpha.',.alpha."-trimethyl-. May produce an allergic reaction.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**SECTION 5: FIREFIGHTING MEASURES**
**5.1. EXTINGUISHING MEDIA**

- Suitable extinguishing media : Carbon dioxide. Dry chemical. Foam. Water spray or fog.
- Unsuitable extinguishing media : Do not use water jet.

**5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Irritating fumes.

**5.3. ADVICE FOR FIREFIGHTERS**

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Cool closed containers exposed to fire with water spray.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

Other information : Spilled material may present a slipping hazard.

### 6.4. REFERENCE TO OTHER SECTIONS

For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: HANDLING AND STORAGE

### 7.1. PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothing. Do not swallow. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Handle and open container with care.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions : Keep out of the reach of children. Store tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep away from ignition sources. Keep only in the original container. Keep out of direct sunlight.

Storage temperature : 10 - 30 °C

### 7.3. SPECIFIC END USE(S)

Not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

No additional information available

### 8.2. EXPOSURE CONTROLS

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

#### Eye protection:

Safety eyewear complying with an approved standard such as the European Standard EN166 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Environmental exposure controls:**

Avoid release to the environment.

**Other information:**

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	: Liquid
Appearance	: Clear
Colour	: Yellow
Odour	: Odourless
Odour threshold	: No data available
pH	: No data available
pH solution	: 9.05 (1% solution)
Relative evaporation rate (butylacetate=1)	: < 0.1 (BuAC = 100)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 110 °C
Flash point	: > 120 °C [PMCC]
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: 1 (air = 1)
Relative density	: 1.085
Solubility	: Water: 100%
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: < 50 mm <sup>2</sup> /s @ 38 °C [ASTM D445]
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

**9.2. OTHER INFORMATION**

No additional information available

**SECTION 10: STABILITY AND REACTIVITY****10.1. REACTIVITY**

No dangerous reactions known under normal conditions of use.

**10.2. CHEMICAL STABILITY**

Stable under normal conditions.

**10.3. POSSIBILITY OF HAZARDOUS REACTIONS**

No dangerous reactions known under normal conditions of use.

**10.4. CONDITIONS TO AVOID**

Sources of ignition. Heat. Incompatible materials. Direct sunlight.

**10.5. INCOMPATIBLE MATERIALS**

Strong oxidizing agents. Acids. Alkalis.

**10.6. HAZARDOUS DECOMPOSITION PRODUCTS**

May include, and are not limited to: oxides of carbon. Irritating fumes.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. INFORMATION ON TOXICOLOGICAL EFFECTS**

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

**Alcohols, C12-15, ethoxylated propoxylated (68551-13-3)**

LD50 oral rat	1350 mg/kg
LD50 dermal rat	2000 mg/kg

**2-Phenoxyethanol (122-99-6)**

LD50 oral rat	1260 mg/kg
LD50 dermal rabbit	5 ml/kg

Unknown acute toxicity (CLP) - SDS	: 1.66% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 1.66% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 34.28% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))
Skin corrosion/irritation	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified. Contains 1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol, .alpha.,.alpha.'.alpha."-trimethyl-. May produce an allergic reaction.
Additional information	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: May damage the unborn child.
STOT-single exposure	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
STOT-repeated exposure	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Not classified.
Additional information	: Based on available data, the classification criteria are not met.

**Magnaglo® WB-655**

Viscosity, kinematic	< 50 mm <sup>2</sup> /s @ 38 °C [ASTM D445]
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Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

**SECTION 12: ECOLOGICAL INFORMATION**
**12.1. TOXICITY**

Ecology - general	: Harmful to aquatic life with long lasting effects.
Unknown hazards to the aquatic environment (CLP)	: Contains 4.14 % of components with unknown hazards to the aquatic environment
Acute aquatic toxicity	: Not classified.
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects.

**2-Phenoxyethanol (122-99-6)**

LC50 fish 1	344 mg/l
LC50 fish 2	366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	488 mg/l
EC50 72h algae (1)	> 500 mg/l (Species: Desmodesmus subspicatus)

**12.2. PERSISTENCE AND DEGRADABILITY**
**Magnaglo® WB-655**

Persistence and degradability	Not established.
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**12.3. BIOACCUMULATIVE POTENTIAL**
**Magnaglo® WB-655**

Bioaccumulative potential	Not established.
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**2-Phenoxyethanol (122-99-6)**

Partition coefficient n-octanol/water	1.13 (at 25 °C)
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**12.4. MOBILITY IN SOIL**

No additional information available

**12.5. RESULTS OF PBT AND VPVB ASSESSMENT**

No additional information available

**12.6. OTHER ADVERSE EFFECTS**

Additional information : No other effects known

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. WASTE TREATMENT METHODS**

Product/Packaging disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

**SECTION 14: TRANSPORT INFORMATION**

In accordance with ADR / IATA / IMDG

**14.1. UN NUMBER**

UN-No. (ADR) : Not regulated

UN-No. (IMDG) : Not regulated

UN-No. (IATA) : Not regulated

**14.2. UN PROPER SHIPPING NAME**

Proper Shipping Name (ADR) : Not regulated

Proper Shipping Name (IMDG) : Not regulated

Proper Shipping Name (IATA) : Not regulated

**14.3. TRANSPORT HAZARD CLASS(ES)****ADR**

Transport hazard class(es) (ADR) : Not regulated

**IMDG**

Transport hazard class(es) (IMDG) : Not regulated

**IATA**

Transport hazard class(es) (IATA) : Not regulated

**14.4. PACKING GROUP**

Packing group (ADR) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (IATA) : Not regulated

**14.5. ENVIRONMENTAL HAZARDS**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available.

**14.6. SPECIAL PRECAUTIONS FOR USER**

Special transport precautions : Do not handle until all safety precautions have been read and understood.

**14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE**

Not applicable

**SECTION 15: REGULATORY INFORMATION****15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE****15.1.1. EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance.

Contains no REACH Annex XIV substances

**15.1.2. National regulations (Germany):****Wassergefährdungsklasse (water hazard class):** WGK1 - Low 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

**SECTION 16: OTHER INFORMATION**

Indication of changes:

None.

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Prepared by : Nexreg Compliance Inc.  
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Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Repr. 1B	Reproductive toxicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H360D	May damage the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol, .alpha,.alpha.',.alpha."-trimethyl-. May produce an allergic reaction.

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

Eye Irrit. 2	H319	Calculation method
Repr. 1B	H360D	Calculation method
Aquatic Chronic 3	H412	Calculation method

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