

Prepared in accordance with 1907/2006/EC, Article 31

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

1.1 Product identifier	Reference Electrode Fill Solution
1.2 Relevant identified uses of the substance or mixture and uses advised against	SU3 Industrial uses
1.3 Details of the supplier of the safety data sheet	Trace2o Ltd, Technology Centre, Wagtech Court, Station Road, Thatcham, Berkshire. RG19 4HZ. Tel: +44 (1635) 866772. Fax: +44 (1635) 873509. Email: technical@trace2o.com
1.4 Emergency telephone number	Contact Trace2o UK at +44 (1635) 866772 between 0830 and 1700 UK time Mon-Fri. Information provided by Trace2o is for guidance on the nature of hazards only and does not constitute medical advice.

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Classification according to Regulation (EC) No 1272/2008	This substance is not classified as dangerous.
2.2 Label elements	The mixture is classified and labelled according to the CLP regulation.
2.3 Other hazards	N/A

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures (Dangerous components)				
Substance	Amount (%)	CAS No.	EC No.	Symbol letter(s) and Risk phrases

SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures	
General information	Consult a physician. Show this data sheet.
Skin contact	Wash immediately with plenty of soap and water.
Eye contact	Bathe the eye with running water for 15 minutes.
Inhalation	Consult a physician.
Ingestion	Wash out mouth with water
4.2 Most important symptoms and effects, both acute and delayed	No data available.
4.3 Indication of any immediate medical attention and special treatment needed	No data available

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Extinguishing media	Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder, water spray, carbon dioxide, alcohol resistance foam. Use water spray to cool containers.
5.2 Special hazards arising from the substance or mixture	The product itself does not burn. Potassium oxides. Hydrogen chloride gas. Silver/silver oxides.
5.3 Advice for firefighters	Wear self-contained breathing apparatus and chemical protective clothing. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Refer to section 8 of SDS for personal protection details. Turn leaking container leak-side up to prevent the escape of liquid.
6.2 Environmental precautions	Do not discharge into drains or rivers. Contain the spillage using bunding.
6.3 Methods and material for containment and cleaning up	Absorbs into dry earth or sand. Transfer into a closable, labelled salvage container for disposal by an appropriate method.
6.4 Reference to other sections	See section 8 for information on personal protective equipment.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling	Maintain good standards of hygiene and work practises. Wash hands before and after handling silicone. See section 8 regarding personal protection equipment.
7.2 Conditions for safe storage, including any incompatibilities	Store in a cool, well ventilated area. Keep container tightly closed.
7.3 Specific end use(s)	No data available.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters	No data available.		
8.2 Exposure controls			
Engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after work.		
Personal protective equipment			
Eye/face protection	Safety glasses with side shields. Ensure eye bath is to hand.	Skin protection	Protective gloves. Glove material: nitrile. Layer thickness: 0.15mm. Breakthrough time: >480 min.
Respiratory protection	Respiratory protection not required.	Thermal protection	None required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties			
Appearance, odour, and odour threshold (if relevant):	Colourless liquid, few white crystals may be present	pH:	No data available
Melting/freezing point (°C):	No data available	Initial boiling point & range (°C):	104 °C
Flash point (°C):	No data available	Evaporation rate:	1
Flammability (solid, gas):	No data available	Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	24 hPa @ 20 °C	Vapour density:	0.5
Relative density:	1.2	Solubility(ies):	Aqueous solution

Partition coefficient: n-octanol/water;	No data available	Auto-ignition temperature:	No data available
Decomposition temperature:	No data available	Viscosity:	No data available
Explosive properties:	No data available	Oxidising properties:	No data available
9.2 Other Information	No data available		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended transport or storage conditions
10.2 Chemical stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidising agents. Strong acids.
10.6 Hazardous decomposition products	Does not compose when used for intended uses.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects			
Inhalation	No data available	Ingestion	There may be irritation of the throat.
Eye contact	There may be irritation and redness.	Skin contact	There may be mild irritation at the site of contact.
Carcinogenicity/ mutagenicity	No data available	Sensitisation	No data available
Chronic effects	No data available	Other	No data available.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity	No data available	12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available	12.4 Mobility in soil	No data available
12.5 Results of PBT and vPbB assessment	No data available	12.6 Other adverse effects	No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Offer to licensed disposal company for disposal in accordance with local regulations.
Packagings	Dispose of as unused product.

SECTION 14 - TRANSPORT INFORMATION

14.1 UN number	Not restricted	14.2 UN proper shipping name	Not restricted
14.3 Transport hazard class(es)	Not restricted	14.4 Packing group	Not restricted
14.5 Environmental hazards	N/A	14.6 Special precautions for user	N/A
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N/A	Additional information	

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	No data available
15.2 Chemical safety assessment	No data available

SECTION 16 - OTHER INFORMATION

Hazard Statement Index		
Precautionary Statement Index		
Restrictions		
Revision Date	30-08-19	
Disclaimer	To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.	