

# Safety data sheet

## Grinding Liquid EP770 - concentrate

Version 2.0

Effective date: 21-10-2015

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

#### 1.1 Product identifier

**Trade name:** Neutra Grinding Liquid EP770 - concentrate

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product Use:** Water soluble grinding liquid.

**1.3 Details of the manufacturer :** Inelco Grinders A/S, Fjerritslev, 9690 Denmark. t:+45 96 50 62 33

**Australian Supplier:**

Welding Automation, 5/51 Taunton Drive, Cheltenham VIC 3192

**Contact:** info@weldingautomation.com.au

**1.4 Emergency telephone number:**+61 3 8516 2472

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification according to 1272/2008 CLP

Not classified.

#### 2.2 Label elements 1272/2008 CLP:

Not classified.

#### Additional labelling:

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards

This mixture does not meet the criteria for PBT or vPvB according to Regulation.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1/2 Substance/Mixture

| CAS/EC-nr.          | Index/REACH-nr   | Name              | Content % | Classification CLP                   |
|---------------------|------------------|-------------------|-----------|--------------------------------------|
| 111-46-6 / 203872-2 | 603-140-00-6 / - | 2,2'-Oxydiethanol | <0,01     | Acute Tox. 4; H302, STOT RE 2; H373. |

#### 3.3 Additional information:

See full text of H-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

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### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

- General information:** Remove victim immediately from source of exposure. General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.
- Inhalation:** Assure fresh air breathing. Get medical attention if any discomfort continues. Normally the product is not irritating.
- Skin contact:** Flush contaminated skin with water and soap. Medical attention if any discomfort continues.
- Eye contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for several minutes. Get medical attention if irritation occurs.
- Ingestion:** Rinse mouth thoroughly with water. If discomfort continues, consult a doctor.

#### 4.2 Most important symptoms and effects, both acute and delayed

None known.

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

Treat symptomatically.

### SECTION 5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media:** Non-flammable. Use extinguishing media according to surroundings.
- 5.2 Special hazards arising from the substance or mixture**  
Fire may produce harmful fumes or gases, avoid inhalation.
- 5.3 Advice for firefighters:** Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

See section 8 for recommendations on the use of personal protective equipment. Avoid contact with eyes.

#### 6.2 Environmental precautions:

Not required.

#### 6.3 Methods and material for containment and cleaning up:

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. See section 13.

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### 6.4 Reference to other sections:

See section 7, 8 and 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Avoid unnecessary exposure. See section 8 for recommendations on the use of personal protective equipment. Avoid contact with eyes. Wash exposed areas thoroughly after handling.

### 7.2 Conditions for safe storage, including any incompatibilities:

Always store in the same container as the original material.

Storage temperature:

Frostfree, max storage 35°C.

### 7.3 Specific end use(s):

See section 1.2

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Occupational exposure limits EH40:

| CAS-no:  | Name:             | Limits:                                     | Ref: |
|----------|-------------------|---|------|
| 111-46-6 | 2,2'-Oxydiethanol | 23 ppm (8 h)<br>101 mg/m <sup>3</sup> (8 h) | EH40 |

### DNEL / PNEC

-

### 8.2 Exposure controls

#### Appropriate technical measures:

Normal room ventilation.

#### General information:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Always wash hands, forearms and face. Provide eyewash station.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

#### Respiratory protection:

Not normally required.

#### Hand protection:

Recommended: Nitrile rubber. Breakthrough time: 480 minutes, or similar gloves.

#### Eye protection:

Not necessary. If risk of contact with eyes, use safety glasses. EN 166.

#### Body protection:

Normal working clothes.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

|                                   |  |                                     |  |                               |
|-----------------------------------|--|-------------------------------------|--|-------------------------------|
| <b>Appearance:</b><br>Liquid      | <b>Color:</b><br>Green                 | <b>Odor:</b><br>Weak                | <b>PH:</b><br>-                        | <b>Viscosity:</b><br>-        |
| <b>Flash point:</b><br>-          | <b>Boiling point:</b><br>-             | <b>Vapour pressure:</b><br>-        | <b>Density kg/m<sup>3</sup>:</b><br>1  | <b>Melting point:</b><br><0°C |
| <b>Ignition temperature:</b><br>- | <b>Auto-ignition temperature:</b><br>- | <b>Explosive limits vol %:</b><br>- | <b>Solubility in water:</b><br>Soluble |                               |

### 9.2 Other information:

-

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** None under normal conditions of use.
- 10.2 Chemical stability:** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** None under normal conditions
- 10.4 Conditions to avoid:** Do not expose to heat (e.g. sunlight).
- 10.5 Incompatible materials:** Strong acids, strong bases, strong oxidations remedies and strong reduction remedies.
- 10.6 Hazardous decomposition products:** The product is not degraded when used as specified in section 1.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

|  |                 |
|--|-----------------|
| <b>Acute toxicity:</b>                                   | -               |
| <b>Skin corrosion/irritation:</b>                        | Not classified  |
| <b>Serious eye damage/irritation:</b>                    | Not classified. |
| <b>Respiratory or skin sensitisation:</b>                | Not classified. |
| <b>Germ cell mutagenicity:</b>                           | Not classified. |
| <b>Carcinogenicity:</b>                                  | Not classified. |
| <b>Reproductive toxicity:</b>                            | Not classified. |
| <b>Specific target organ toxicity - single exposure:</b> | Not classified. |

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**Specific target organ toxicity – repeated exposure:**

Not classified.

**Aspiration hazard:**

Not classified.

**Additional information:**

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### SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** The product is not classified as harmful to the environment.

**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 Result of PBT and vPvB assesment:**  
This mixture does not meet the criteria for PBT or vPvB according to Regulation.

**12.6 Other adverse effects:** There are no additional data.

### SECTION 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**  
This product is considered a non-hazardous product.  
Used can be disposed according to state regulations or returned to Inelco A/S.

**Contaminated packing:** Packaging which contains leftovers from the product must be disposed of in the same way as the product.

### SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.

|                                 | ADR/RID | IMDG/IMO |
|---------------------------------|---------|----------|
| 14.1 UN number                  | -       | -        |
| 14.2 UN proper shipping name    | -       | -        |
| 14.3 Transport hazard class(es) | -       | -        |
| 14.4 Packing group              | -       | -        |

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|  |   |   |
|--|---|---|
| <b>14.5 Environmental hazards - MP</b> | - | - |
| <b>Other informations</b>              | - | - |

### 14.6 Special precautions for user:

-

### 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

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. EU 453/2010.

#### Additional information:

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### 15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3:

-

#### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

#### Changes section:

1, 2, 3, 4, 5, 7, 15 og 16.

#### Validated by:

AM-Gruppen.