SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: illbruck AT160

MSDS code: T-I-AT160

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

No further relevant information available.

Application of the substance / the mixture: Priming

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
tremco illbruck Produktion GmbH
Zweigniederlassung Traunreut
Traunring 65, D - 83301 Traunreut
Tel: +49 (0) 8669 34100, Fax: +49 (0) 8669 9784
msds@tremco-illbruck.com

Further information obtainable from:
tremco illbruck Ltd
Coupland Road, Hindley Green, Wigan, WN2 4HT
T: +44 (0) 1942 251400, F: +44 (0) 1942251410
www.tremco-illbruck.co.uk, uk.info@tremco-illbruck.com

1.4 Emergency telephone number:
During office hours tel.: +44 (0) 1942251400. At all other times please contact your national poisoning centre.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Flam. Liq. 2 H225 Highly flammable liquid and vapour.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Hazard pictograms

GHS02 GHS07

Signal word: Danger

Contains: propan-2-ol

Hazard statements
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 07.06.2016 Version number 4 Revision: 07.06.2016

Trade name: illbruck AT160

· Precautionary statements
  P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  P261 Avoid breathing vapours.
  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.
  P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
  P403+P233 Store in a well-ventilated place. Keep container tightly closed.

· 2.3 Other hazards
  · Results of PBT and vPvB assessment
  · PBT: Not applicable.
  · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures
  · Description: Mixture of substances listed below with non-hazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 67-63-0 propan-2-ol</td>
</tr>
<tr>
<td>EINECS: 200-661-7 Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336</td>
</tr>
<tr>
<td>Reg.nr.: 01-2119457558-25-xxxx 75- &lt;100%</td>
</tr>
</tbody>
</table>

· Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures
  · General information:
    Take affected persons out into the fresh air.
    Immediately remove any clothing soiled by the product.
  · After inhalation:
    Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
    In case of unconsciousness place patient stably in side position for transportation.
  · After skin contact:
    Remove from the skin using a cloth or paper. Then clean with water and soap.
    If skin irritation continues, consult a doctor.
  · After eye contact:
    Rinse opened eye for several minutes under running water. Then consult a doctor.
  · After swallowing:
    Rinse out mouth and then drink plenty of water.
    Do not induce vomiting; call for medical help immediately.

· 4.2 Most important symptoms and effects, both acute and delayed
  No further relevant information available.

· Information for doctor: No further relevant information available.

· Hazards No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed
  No further relevant information available.
SECTION 5: Firefighting measures

· 5.1 Extinguishing media
  · Suitable extinguishing agents:
    CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  · For safety reasons unsuitable extinguishing agents: Water with full jet

· 5.2 Special hazards arising from the substance or mixture Can form explosive gas-air mixtures.

· 5.3 Advice for firefighters
  · Protective equipment: Wear self-contained respiratory protective device.
  · Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures
  Keep away from ignition sources.
  Ensure adequate ventilation.
  Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:
  Prevent from spreading (e.g. by damming-in or oil barriers).
  Keep contaminated washing water and dispose of appropriately.
  Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:
  Ensure adequate ventilation.
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose of the material collected according to regulations.

· 6.4 Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling
  Store in cool, dry place in tightly closed receptacles.
  Ensure good ventilation/exhaustion at the workplace.

· 7.2 Conditions for safe storage, including any incompatibilities
  · Storage:
    · Requirements to be met by storerooms and receptacles: Store in a cool location.
    · Information about storage in one common storage facility: Not required.
    · Further information about storage conditions:
      Store in cool, dry conditions in well sealed receptacles.
      Protect from heat and direct sunlight.

· 7.3 Specific end use(s) No further relevant information available.
SECTION 8: Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.

- 8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL Short-term value</th>
<th>Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0 propan-2-ol</td>
<td>1250 mg/m³, 500 ppm</td>
<td>999 mg/m³, 400 ppm</td>
</tr>
</tbody>
</table>

- Additional information: The lists valid during the making were used as basis.

- 8.2 Exposure controls

- General protective and hygienic measures:
  - The usual precautionary measures are to be adhered to when handling chemicals.
  - Keep away from foodstuffs, beverages and feed.
  - Do not eat, drink, smoke or sniff while working.
  - Avoid contact with the eyes and skin.
  - Do not inhale gases / fumes / aerosols.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.

- Respiratory protection:
  - Not necessary if room is well-ventilated.
  - Use suitable respiratory protective device in case of insufficient ventilation.
    Filter A

- Protection of hands:

  ![Protective gloves]

  Solvent resistant gloves

- Material of gloves

  Butyl rubber, BR
  - Recommended thickness of the material: ≥ 0.5 mm
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection:

  ![Tightly sealed goggles]

- Body protection: Protective work clothing
### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

**General Information**

- **Appearance:** Fluid
- **Form:** Fluid
- **Colour:** Colourless
- **Odour:** Alcohol-like
- **Odour threshold:** Not determined.

- **pH-value:** Not determined.
- **Melting point/Melting range:** -89.5 °C
- **Boiling point/Boiling range:** 82 °C

- **Flash point:** 13 °C

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 425 °C

- **Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not self-igniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Explosion limits:**
  - Lower: 2 Vol %
  - Upper: 12 Vol %

- **Vapour pressure at 20 °C:** 43 hPa

- **Density at 20 °C:** 0.8 g/cm³

- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Solvent content:**
  - VOC (EU) 99.3 %
  - 794.1 g/l
  - VOC (EC) 99.30 %

#### 9.2 Other information

- No further relevant information available.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

- No further relevant information available.

#### 10.2 Chemical stability

- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used according to specifications.

#### 10.3 Possibility of hazardous reactions

- No dangerous reactions known.

#### 10.4 Conditions to avoid

- No further relevant information available.

#### 10.5 Incompatible materials

- No further relevant information available.
SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral LD50 (mg/kg rat)</th>
<th>Dermal LD50 (mg/kg rabbit)</th>
<th>Inhalative LC50/4 h (mg/L rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0 propan-2-ol</td>
<td>5045</td>
<td>12800</td>
<td>30</td>
</tr>
</tbody>
</table>

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation
Causes serious eye irritation.

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

Additional toxicological information: Repeated exposure may cause skin dryness or cracking.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure
May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Aquatic toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0 propan-2-ol</td>
<td></td>
</tr>
<tr>
<td>LC50/96 h</td>
<td>9640 mg/L (pimephales promelas)</td>
</tr>
<tr>
<td>LC50/48 h</td>
<td>&gt; 100 mg/L (leuciscus idus)</td>
</tr>
<tr>
<td>EC50/48 h</td>
<td>13299 mg/L (daphnia magna)</td>
</tr>
<tr>
<td>EC50/72 h</td>
<td>&gt; 1000 mg/L (desmodesmus subspicatus)</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability No further relevant information available.

Other information: The product is biodegradable.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Disposal must be made according to official regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue
08 04 99 wastes not otherwise specified

Uncleaned packaging:
Recommendation:
Empty packages totally (without drops or grains, cleaned with a spatula). Under observation of the relevant local respectively national regulations re-use or recycling is preferred.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA UN1219

14.2 UN proper shipping name
ADR 1219 ISOPROPANOL, Lösung
IMDG, IATA ISOPROPANOL, solution

14.3 Transport hazard class(es)
ADR

Class 3 (F1) Flammable liquids.
Label 3

IMDG, IATA

Class 3 Flammable liquids.
Label 3

14.4 Packing group
ADR, IMDG, IATA II

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user
Warning: Flammable liquids.
Danger code (Kemler): 33
EMS Number: F-E,S-D

(Contd. on page 8)
SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  Directive 1999/45/EC.
  "CHIP" SI 2009 No.716.
  COMMISSION REGULATION (EU) 2015/830 of 28 May 2015
  REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

- National regulations:
- Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57 Not applicable.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
  H225 Highly flammable liquid and vapour.
  H319 Causes serious eye irritation.
  H336 May cause drowsiness or dizziness.

- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
Trade name: illbruck AT160

IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* Data compared to the previous version altered.