SAFETY DATA SHEET
LIQUID GOLD

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

1.1. Product identifier
Product name LIQUID GOLD

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

1.3. Details of the supplier of the safety data sheet
Supplier RDI INTERNATIONAL LTD
UNIT 4 PARK FARM
WITHAM ROAD
BLACK NOTLEY
ESSEX
CM77 8JX
+44 (0) 1376 333550
+0800 074 7788
customerservices@thinkrdi.com

1.4. Emergency telephone number
Emergency telephone +44 (0) 777 8505 330 (24 hrs).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards Flam. Liq. 3 - H226
Health hazards STOT SE 3 - H336 Asp. Tox. 1 - H304
Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements
Pictogram

Signal word Danger

Hazard statements H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
LIQUID GOLD

Precautionary statements

**P102** Keep out of reach of children.
**P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
**P273** Avoid release to the environment.
**P280** Wear protective gloves/protective clothing/eye protection/face protection.
**P260** Do not breathe vapour/spray.
**P301+P310** IF SWALLOWED: Immediately call a POISON CENTER/doctor.
**P304+P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing.
**P405** Store locked up.
**P501** Dispose of contents/container in accordance with national regulations.

Supplemental label information

**EUH066** Repeated exposure may cause skin dryness or cracking.

Contains

HIGHLY REFINED MINERAL OIL, Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)

Detergent labelling

15 - < 30% aliphatic hydrocarbons, < 5% perfumes,Contains BENZYL ALCOHOL

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th><strong>HIGHLY REFINED MINERAL OIL</strong></th>
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<td>EC number: 232-455-8</td>
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<tr>
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<td><strong>Classification (67/548/EEC or 1999/45/EC)</strong></td>
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<tr>
<td>Asp. Tox. 1 - H304</td>
<td>Xn;R65.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th><strong>Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)</strong></th>
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<tr>
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<td>N;R51/53.</td>
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<td>STOT SE 3 - H336</td>
<td></td>
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<tr>
<td>Aquatic Chronic 2 - H411</td>
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</tr>
</tbody>
</table>

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

**Inhalation**
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

**Ingestion**
Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

**Skin contact**
Wash skin thoroughly with soap and water.
LIQUID GOLD

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation
Vapours may cause drowsiness and dizziness.

Ingestion
May cause discomfort if swallowed. Aspiration hazard if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin contact
Prolonged skin contact may cause redness and irritation. Repeated exposure may cause skin dryness or cracking.

Eye contact
May cause temporary eye irritation.

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

Notes for the doctor
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Extinguish with the following media: Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media
Water spray.

5.2. Special hazards arising from the substance or mixture
Specific hazards
Flammable liquid and vapour.

Hazardous combustion products
Fire or high temperatures create: Carbon monoxide (CO), Carbon dioxide (CO2).

5.3. Advice for firefighters
Protective actions during firefighting
Cool containers exposed to flames with water until well after the fire is out.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Personal precautions
No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions
Environmental precautions
Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.

6.4. Reference to other sections
Reference to other sections
For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions
Keep away from heat, sparks and open flame. Avoid contact with skin, eyes and clothing.
LIQUID GOLD

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container tightly closed and at temperature not exceeding 40°C. Keep locked up and out of the reach of children.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)

Long-term exposure limit (8-hour TWA): WEL 350 mg/m³
WEL = Workplace Exposure Limit

Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)

DNEL
Industry - Inhalation; Short term : 570 mg/m³
Industry - Inhalation; Long term : 1980 mg/m³
Consumer - Inhalation; Short term : 570 mg/m³
Consumer - Dermal; Long term : 1040 mg/kg/day
Consumer - Inhalation; Long term : 710 mg/m³
Consumer - Oral; Long term : 1040 mg/kg/day

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Eye/face protection Wear eye protection.

Hand protection To protect hands from chemicals, gloves should comply with European Standard EN374. It is recommended that gloves are made of the following material: Neoprene. Polyvinyl chloride (PVC). Nitrile rubber.

Hygiene measures Wash hands thoroughly after handling.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Pale straw

Odour Almond.

Flash point > 58°C CC (Closed cup).

Relative density 0.831 @ 25°C

Solubility(ies) Insoluble in water.

9.2. Other information
LIQUID GOLD

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions
Not determined.

10.4. Conditions to avoid
Conditions to avoid
Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials
Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Hazardous decomposition products
Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Aspiration hazard
Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Inhalation
Vapours may cause drowsiness and dizziness.

Ingestion
Aspiration hazard if swallowed.

Skin contact
Repeated exposure may cause skin dryness or cracking.

Eye contact
May cause temporary eye irritation.

Toxicological information on ingredients.

Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%)

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<tr>
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<td>Acute toxicity - oral</td>
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<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
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<td>ATE oral (mg/kg)</td>
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<td>Acute toxicity - dermal</td>
<td>Rat</td>
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<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
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</tr>
<tr>
<td>ATE dermal (mg/kg)</td>
<td></td>
<td>3,400.0</td>
</tr>
</tbody>
</table>
LIQUID GOLD

Carcinogenicity

NOAEL >300 mg/kg, Oral, Rat

Specific target organ toxicity - repeated exposure

NOAEL 1056 mg/kg, Oral, Rat

Target organs

Central nervous system

Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

Ecotoxicity

Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Ecological information on ingredients.

Hydrocarbons, C9-C12, n-alkanes, cyclics, aromatics (2-25%)

Acute toxicity - fish

LC₅₀, 96 hours: <30 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: <22 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC₅₀, 72 hours: 4.6-10 mg/l, Algae

Acute toxicity - microorganisms

EC₅₀, 48 hours, 48 hours: 43.98 mg/l,

Chronic toxicity - aquatic invertebrates

NOEC, 21 days, 21 days: 0.097 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability

The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

The product has poor water-solubility. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects

Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information
LIQUID GOLD

14.1. UN number
UN No. (ADR/RID) 1993
UN No. (IMDG) 1993
UN No. (ICAO) 1993

14.2. UN proper shipping name
Proper shipping name (ADR/RID) FLAMMABLE LIQUID, N.O.S. (petroleum distillate)
Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (petroleum distillate)
Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (petroleum distillate)

14.3. Transport hazard class(es)
ADR/RID class 3
IMDG class 3
ICAO class/division 3

Transport labels

14.4. Packing group
ADR/RID packing group III
IMDG packing group III
ICAO packing group III

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user
Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
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
Guidance Workplace Exposure Limits EH40.

15.2. Chemical safety assessment
## LIQUID GOLD

### SECTION 16: Other information

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<th>28/04/2016</th>
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<td>Hazard statements in full</td>
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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.