

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.

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| | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 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. |
| | P331 Do NOT induce vomiting. |
| | 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

| | |
|------------------------------------------------------------------|--------------------------------------------------|
| HIGHLY REFINED MINERAL OIL | 60-100% |
| CAS number: 8042-47-5 | EC number: 232-455-8 |
| Classification | Classification (67/548/EEC or 1999/45/EC) |
| Asp. Tox. 1 - H304 | Xn;R65. |
| Hydrocarbons, C9-C12, n-alkanes,cyclics,aromatics (2-25%) | 10-30% |
| CAS number: — | EC number: 919-446-0 |
| | REACH registration number: 01-2119458049-33-0000 |
| Classification | Classification (67/548/EEC or 1999/45/EC) |
| Flam. Liq. 3 - H226 | Xn;R65. N;R51/53. R10,R66,R67. |
| STOT SE 3 - H336 | |
| Asp. Tox. 1 - H304 | |
| STOT SE 3 - H336 | |
| Aquatic Chronic 2 - H411 | |

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. |

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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.

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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

This product is not to be used under conditions of poor ventilation.

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

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Other information Not determined.

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

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%)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 15,000.0

Species Rat

ATE oral (mg/kg) 15,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 3,400.0

Species Rat

ATE dermal (mg/kg) 3,400.0

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Carcinogenicity

Carcinogenicity NOAEL >300 mg/kg, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 1056 mg/kg, Oral, Rat

Target organs Central nervous system

Aspiration hazard

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

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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 MARPOL73/78 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

EU legislation 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 (as amended).

Guidance Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

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SECTION 16: Other information

| | |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision date | 28/04/2016 |
| Revision | 3.1 |
| Supersedes date | 21/08/2015 |
| SDS number | 24184 |
| Hazard statements in full | 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. |

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.