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

1.4. Emergency telephone number

Emergency telephone 01376 333550

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.

Precautionary statements

LIQUID GOLD

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing vapour/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

P102 Keep out of reach of children.

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

Supplementary precautionary statements

P501 Dispose of contents/container in accordance with national regulations.

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 STOT SE 3 - H336 Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411	Xn;R65. N;R51/53. R10,R66,R67.

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.

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

Upper respiratory irritation. Vapours may cause drowsiness and dizziness.

LIQUID GOLD

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.

Eye contact

Irritation of eyes and mucous membranes.

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.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO2).

5.3. Advice for firefighters

Protective actions during firefighting

No specific firefighting precautions known.

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. Provide adequate ventilation. Avoid contact with skin and eyes. 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

Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store at moderate temperatures in dry, well ventilated area.

7.3. Specific end use(s)

Specific end use(s)

LIQUID GOLD

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

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. It is recommended that gloves are made of the following material: Neoprene. Polyvinyl chloride (PVC). Nitrile rubber.

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°C

Solubility(ies)

Insoluble in water.

9.2. Other information

Other information

Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

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Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not determined.

10.4. 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

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

Irritation of eyes and mucous membranes.

LIQUID GOLD

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)

3400.0

Species

Rat

ATE dermal (mg/kg)

3400.0

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

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

LC_{50}, 96 hours: <30 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates

EC_{50}, 48 hours: <22 mg/l, Daphnia magna

Acute toxicity - aquatic plants

IC_{50}, 72 hours: 4.6-10 mg/l, Algae

Acute toxicity - microorganisms

EC_{50}, 48 hours: 43.98 mg/l,

Chronic toxicity - aquatic invertebrates

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

12.2. Persistence and degradability

Persistence and degradability

This product is not expected to be readily biodegradable.

12.3. Bioaccumulative potential

LIQUID GOLD

Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

12.4. Mobility in soil

Mobility

The product has poor water-solubility.

12.5. 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

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

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

Yes.

14.6. Special precautions for user

LIQUID GOLD

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Dangerous Preparations Directive 1999/45/EC. 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). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	21/08/2014
Revision	2.2
Supersedes date	26/07/2012
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.