



SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: RHODIASOLV IRIS
- Datasheet Number: RHODIASOLV IRIS
- Chemical Name: Dimethyl 2-methylpentanedioate
- REACH Registration No.: 01-0000017895-56-XXXX
- CAS No.: 14035-94-0

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

Solvent, cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Orange Chemicals Ltd
- Address of Supplier: Sherwood 2,
8A Upper High Street,
Winchester,
Hampshire
UK
SO23 8UT
- Telephone: 01962 842525
- Fax: 01962 841101
- Responsible Person: Orange Chemicals
- Email: sales@orangechem.co.uk

1.4 Emergency telephone number

- We subscribe to the NCEC-Emergency Tel No. 01270 502891

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Not classified as hazardous for supply

2.2 Label elements

- None
- Hazard phrases
Not classified
- Precautionary Phrases
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

SECTION 2 Hazards identification (....)

- Risk Phrases
Not applicable
- Safety Phrases
Wear suitable gloves and eye/face protection

2.3 Other hazards

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- dimethy 2-methylpentanedioate
Concentration: >98%
CAS Number: 14035-94-0
EC Number:
R/H Phrases:
Symbols:
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SECTION 4 First aid measures

4.1 Description of first aid measures

- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water (S27/28)
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes and get medical attention
- IF exposed or concerned: Get medical advice/attention.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Immediately call a POISON CENTER or doctor/physician.
- Give 200-300mls (half pint) water to drink
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- This material is not considered hazardous.

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Unsuitable extinguishing media - High Volume Water Jet
- Fire run off water should be contained and not allowed to enter the environment.

5.2 Special hazards arising from the substance or mixture

- Material is combustible
- Vapours may ignite

5.3 Advice for firefighters

SECTION 5 Fire-fighting measures (....)

- Wear full protective clothing including chemical protection suit
 - Wear Breathing Apparatus
 - Do not use water jet
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid Sparks. Extinguish naked flames. Take precautionary measures against static discharge. Prevent the spilled product coming into contact with sources of flame.
- Ensure adequate ventilation.
- Wear protective clothing.

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
- Do not allow to penetrate the ground/soil.
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities
- Use appropriate containment to avoid environmental contamination

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Collect as much as possible in clean container for reuse or disposal
- Seek expert advice for removal and disposal of all contaminated materials and wastes

6.4 Reference to other sections

- See Section 7 for information on safe handling.
 - See Section 8 for information on personal protective equipment.
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Keep away from heat and sources of ignition

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidisers, heat, flames or ignition sources
- Keep container tightly closed

7.3 Specific end use(s)

- See Section 1
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Non Hazardous

8.2 Exposure controls

- Chemical gloves, goggles and appropriate skin protection should be worn when handling
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SECTION 8 Exposure controls/personal protection (....)

- Engineering controls should be provided to prevent the need for ventilation
- Appropriate respiratory protection should be worn for short periods if no extraction available

8.3 Occupational exposure controls

- In case of insufficient ventilation, wear suitable respiratory equipment
 - Wear suitable protective clothing, eye/face protection and gloves
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: Clear Liquid
- Boiling point 215.6 °C
- Vapour pressure 0.063 hPa at 20 deg C
- Melting point <minus 75 °C
- Water solubility 25 g/l
- Relative Density 1.0553 at 20°C
- Flash point 98 deg C
- Auto-ignition temperature 430 deg C
- Log Pow 0.89

9.2 Other information

SECTION 10 Stability and reactivity

10.1 Reactivity

- Stable under normal temperature conditions and recommended use

10.2 Chemical stability

- Stable at normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

- None under normal processing

10.4 Conditions to avoid

- Avoid contact with oxidising substances
- Avoid contact with alkalis (strong bases)
- Avoid contact with strong acids

10.5 Incompatible materials

- Incompatible with strong oxidizing substances
- Incompatible with alkalis (strong bases)
- Incompatible with strong acids

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) >2000 mg/kg
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SECTION 11 Toxicological information (....)

- LD50 (dermal) : >2000 mg/kg
 - LC50 (inhalation, rat) >5.6 mg/l/4h

 - Inhalation
Not hazardous

 - Contact with skin
Not hazardous

 - Contact with eyes
Not hazardous

 - Ingestion
Not classified as hazardous but the ingestion of significant quantities should be referred to a physician.

 - Carcinogenicity
No evidence of carcinogenic effects in man

 - Teratogenicity
No evidence of reproductive effects

 - Mutagenicity
No evidence of mutagenic effects
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SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) 56 mg/l (96 hr)
- EC50 (Daphnia magna) >100 mg/l (48 hr)
- IC50 (algae) >60 mg/l (72 hr)
- Harmful to aquatic organisms

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulation Potential

- Low bioaccumulation potential

12.4 Mobility in soil

- This substance is poorly absorbed onto soils or sediments

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Incineration by an approved method could be considered
 - This material and its container must be disposed of as hazardous waste
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SECTION 14 Transport information14.1 UN Number

SECTION 14 Transport information (....)

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14.2 UN Proper Shipping Name

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14.3 Transport hazard class(es)

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14.4 Packing group

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14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

14.8 Emergency Action Code

- Proper Shipping Name:
- EAC:

14.9 Road/Rail (ADR/RID)

- Proper Shipping Name:
- ADR UN No.:
- ADR Hazard Class:
- ADR Item No.:
- ADR/RID No.:
- Tremcard:
- Tunnel Code:

14.10 Sea (IMDG)

- Proper Shipping Name:
- IMDG UN No.:
- IMDG Hazard Class:
- IMDG Page No.:
- IMDG Pack Group.:
- IMDG EmS:
- IMDG MFAG:

14.11 Air (ICAO/IATA)

- Proper Shipping Name:
- ICAO UN No.:
- ICAO Hazard Class:
- ICAO Packing Group:

14.12 DOT / CFR (US Department of Transportation)

- DOT Proper Shipping Name:
- Hazardous Material:
- Hazard Class:
- Identification Number:
- Product RQ (lbs):

SECTION 15 Regulatory information

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

- Not hazardous according to current ADR Regulations

15.2 Chemical Safety Assessment

SECTION 16 Other information

DISCLAIMER 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.