

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## SikaBiresin® RA870 (Sika Liquid Spray-870)

Date of last issue: 06.08.2025  
Revision Date: 18.11.2025

Version 1.2

Print Date 18.11.2025

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

#### 1.1 Product identifier

Trade name : SikaBiresin® RA870 (Sika Liquid Spray-870)

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

Product use : Pretreatment agent, Product is not intended for consumer use

#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Limited  
Watchmead Welwyn Garden City  
Hertfordshire. AL7 1BQ  
Telephone : +44 (0)1707 394444  
Telefax : +44 (0)1707 329129  
E-mail address of person : EHS@uk.sika.com  
responsible for the SDS

#### 1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC)  
24 Hour Emergency Telephone Number +44 870 190 6777

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

|                                                                                      |                                                                                         |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Aerosols, Category 1                                                                 | H222: Extremely flammable aerosol.<br>H229: Pressurised container: May burst if heated. |
| Skin irritation, Category 2                                                          | H315: Causes skin irritation.                                                           |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.                                                |
| Long-term (chronic) aquatic hazard, Category 2                                       | H411: Toxic to aquatic life with long lasting effects.                                  |

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :   

Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.

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|      |                                                  |
|------|--------------------------------------------------|
| H229 | Pressurised container: May burst if heated.      |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements : **Prevention:**

|      |                                                                                                |
|------|------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source.                                        |
| P251 | Do not pierce or burn, even after use.                                                         |
| P273 | Avoid release to the environment.                                                              |

**Response:**

|      |                   |
|------|-------------------|
| P391 | Collect spillage. |
|------|-------------------|

**Storage:**

|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| P410 + P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. |
|-------------|-------------------------------------------------------------------------------|

**Hazardous components which must be listed on the label:**

Naphtha (petroleum), hydrodesulfurized light, dearomatized; Low boiling point naphtha - unspecified

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Components

| Chemical name                                                                                      | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number                                                   | Classification                                                                                                              | Concentration<br>(% w/w) |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Naphtha (petroleum), hydrodesulfurized light, dearomatized; Low boiling point naphtha -unspecified | 92045-53-9<br>927-510-4<br>295-434-2<br>649-383-00-1<br>01-2119666169-27-XXXX                           | Flam. Liq. 2; H225<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Asp. Tox. 1; H304<br>Aquatic Chronic 2; H411                | >= 40 - < 60             |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics                               | Not Assigned<br>918-481-9<br>649-327-00-6<br>01-2119457273-39-XXXX                                      | Asp. Tox. 1; H304<br>EUH066                                                                                                 | >= 5 - < 10              |
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics                                | Not Assigned<br>927-241-2<br>649-327-00-6<br>01-2119471843-32-XXXX [corresponding group CAS 64742-48-9] | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)<br>Asp. Tox. 1; H304<br>Aquatic Chronic 3; H412<br>EUH066 | >= 5 - < 10              |
| Substances with a workplace exposure limit :                                                       |                                                                                                         |                                                                                                                             |                          |
| butane                                                                                             | 106-97-8<br>203-448-7<br>601-004-00-0<br>01-2119474691-32-XXXX                                          | Flam. Gas 1A; H220                                                                                                          | >= 25 - < 40             |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.

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- In case of eye contact : Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : Erythema  
Dermatitis  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
  
Causes skin irritation.  
May cause drowsiness or dizziness.

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

- Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Water spray jet  
Dry powder  
Foam  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

- Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

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for firefighters

Further information : Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

---

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Deny access to unprotected persons.

#### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

#### 6.4 Reference to other sections

For personal protection see section 8.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharge.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Do not spray on a naked flame or any incandescent material. Take precautionary

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measures against electrostatic discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Store in accordance with local regulations.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any use.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components | CAS-No.                                                                                                                                                        | Value type (Form of exposure) | Control parameters *               | Basis * |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------|---------|
| butane     | 106-97-8                                                                                                                                                       | STEL                          | 750 ppm<br>1.810 mg/m <sup>3</sup> | GB EH40 |
|            | Further information: Capable of causing cancer and/or heritable genetic damage., Carcinogenic only applies if butane contains more than 0.1% of buta-1,3-diene |                               |                                    |         |
|            |                                                                                                                                                                | TWA                           | 600 ppm<br>1.450 mg/m <sup>3</sup> | GB EH40 |

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name                                                      | End Use   | Exposure routes | Potential health effects | Value                              |
|---------------------------------------------------------------------|-----------|-----------------|--------------------------|------------------------------------|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics | Workers   | Skin contact    |                          | 300 mg/m <sup>3</sup><br>300 mg/kg |
|                                                                     | Workers   | Inhalation      |                          | 1500 mg/m <sup>3</sup>             |
|                                                                     | Consumers | Skin contact    |                          | 300 mg/m <sup>3</sup><br>300 mg/kg |
|                                                                     | Consumers | Inhalation      |                          | 900 mg/m <sup>3</sup>              |
|                                                                     | Consumers | Ingestion       |                          | 300 mg/m <sup>3</sup><br>300 mg/kg |

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### 8.2 Exposure controls

#### Engineering measures

Maintain air concentrations below occupational exposure standards.  
Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

- |                          |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection      | : | Safety glasses with side-shields conforming to EN166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Hand protection          | : | Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.<br>Suitable for short time use or protection against splashes:<br>Butyl rubber/nitrile rubber gloves (> 0,1 mm)<br>Contaminated gloves should be removed.<br>Suitable for permanent exposure:<br>Viton gloves (0.4 mm),<br>breakthrough time >30 min.                                                                                                                 |
| Skin and body protection | : | Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers).                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Respiratory protection   | : | In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.<br>organic vapor (Type A) and particulate filter<br>A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm<br>P1: Inert material; P2, P3: hazardous substances<br>Ensure adequate ventilation, especially in confined areas.<br>When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |

#### Environmental exposure controls

- |                |   |                                                                                                                                                    |
|----------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice | : | Do not flush into surface water or sanitary sewer system.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
|----------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------|

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- |                                       |   |                   |
|---------------------------------------|---|-------------------|
| Appearance                            | : | aerosol           |
| Colour                                | : | yellow            |
| Odour                                 | : | hydrocarbon-like  |
| Melting point/ range / Freezing point | : | No data available |
| Boiling point/boiling range           | : | No data available |

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Flammability (solid, gas) : No data available

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : < 0 °C

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : Not applicable  
substance/mixture is non-polar/aprotic

### Viscosity

Viscosity, kinematic : No data available

### Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 2080 hPa

Density : 0,741 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

Particle characteristics : No data available

## 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

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### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

:  
No hazardous decomposition products are known.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not classified due to lack of data.

#### Components:

##### Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 4.951 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

#### Skin corrosion/irritation

Causes skin irritation.

#### Components:

##### Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Assessment : Repeated exposure may cause skin dryness or cracking.

#### Serious eye damage/eye irritation

Not classified due to lack of data.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Not classified due to lack of data.

##### Respiratory sensitisation

Not classified due to lack of data.

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### **Germ cell mutagenicity**

Not classified due to lack of data.

### **Carcinogenicity**

Not classified due to lack of data.

### **Reproductive toxicity**

Not classified due to lack of data.

### **STOT - single exposure**

May cause drowsiness or dizziness.

### **STOT - repeated exposure**

Not classified due to lack of data.

### **Aspiration toxicity**

Not classified due to lack of data.

## **11.2 Information on other hazards**

### **Endocrine disrupting properties**

Not classified due to lack of data.

### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

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### 12.6 Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

### Global warming potential

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

**Components:**

**butane:**

20-year global warming potential: 0,022  
100-year global warming potential: 0,006  
500-year global warming potential: 0,002  
Atmospheric lifetime: 0,019 yr  
Radiative efficiency: 0 Wm<sup>2</sup>ppb  
Further information: Miscellaneous compounds

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADR : UN 1950  
IMDG : UN 1950  
IATA : UN 1950

#### 14.2 UN proper shipping name

ADR : AEROSOLS  
IMDG : AEROSOLS  
IATA : Aerosols, flammable

#### 14.3 Transport hazard class(es)

|      | Class | Subsidiary risks |
|------|-------|------------------|
| ADR  | : 2   | 2.1              |
| IMDG | : 2.1 |                  |
| IATA | : 2.1 |                  |

#### 14.4 Packing group

**ADR**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1  
Tunnel restriction code : (D)

**IMDG**  
Packing group : Not assigned by regulation  
Labels : 2.1  
EmS Code : F-D, S-U

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

#### 14.5 Environmental hazards

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### ADR

Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

### IATA (Passenger)

Environmentally hazardous : yes

### IATA (Cargo)

Environmentally hazardous : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

|                                                                                                                 |   |                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------|
| UK REACH List of restrictions (Annex 17)                                                                        | : | Conditions of restriction for the following entries should be considered:<br>Number on list 28: butane<br><br>Number on list 29: butane |
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation                             | : | Not applicable                                                                                                                          |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) | : | Not applicable                                                                                                                          |
| International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors                     | : | Not applicable                                                                                                                          |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer                                          | : | Not applicable                                                                                                                          |
| UK REACH List of substances subject to authorisation (Annex XIV)                                                | : | Not applicable                                                                                                                          |
| GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation                           | : | Not applicable                                                                                                                          |

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|------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control of Major Accident Hazards Regulations 2015 (COMAH) | P3a | FLAMMABLE AEROSOLS                                                                                                                                                                                                                                                                                                                                                             |
|                                                            | E2  | ENVIRONMENTAL HAZARDS                                                                                                                                                                                                                                                                                                                                                          |
|                                                            | 18  | Liquefied flammable gases (including LPG) and natural gas                                                                                                                                                                                                                                                                                                                      |
|                                                            | 34  | Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d) |
| Volatile organic compounds                                 | :   | Law on the incentive tax for volatile organic compounds (VOCV)<br>Volatile organic compounds (VOC) content: 90% w/w<br><br>Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 90% w/w                                                           |

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: : Environmental Protection Act 1990 & Subsidiary Regulations  
Health and Safety at Work Act 1974 & Subsidiary Regulations  
Control of Substances Hazardous to Health Regulations (COSHH)  
May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

### Other regulations:

#### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### Full text of H-Statements

H220 : Extremely flammable gas.  
H225 : Highly flammable liquid and vapour.  
H226 : Flammable liquid and vapour.

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|------|---|----------------------------------------------------|
| H304 | : | May be fatal if swallowed and enters airways.      |
| H315 | : | Causes skin irritation.                            |
| H336 | : | May cause drowsiness or dizziness.                 |
| H411 | : | Toxic to aquatic life with long lasting effects.   |
| H412 | : | Harmful to aquatic life with long lasting effects. |

### Full text of other abbreviations

|                 |   |                                                                                                                                                                                                                                      |
|-----------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard                                                                                                                                                                                                   |
| Asp. Tox.       | : | Aspiration hazard                                                                                                                                                                                                                    |
| Flam. Gas       | : | Flammable gases                                                                                                                                                                                                                      |
| Flam. Liq.      | : | Flammable liquids                                                                                                                                                                                                                    |
| Skin Irrit.     | : | Skin irritation                                                                                                                                                                                                                      |
| STOT SE         | : | Specific target organ toxicity - single exposure                                                                                                                                                                                     |
| GB EH40         | : | UK. EH40 WEL - Workplace Exposure Limits                                                                                                                                                                                             |
| GB EH40 / TWA   | : | Long-term exposure limit (8-hour TWA reference period)                                                                                                                                                                               |
| GB EH40 / STEL  | : | Short-term exposure limit (15-minute reference period)                                                                                                                                                                               |
| ADR             | : | European Agreement concerning the International Carriage of Dangerous Goods by Road                                                                                                                                                  |
| CAS             | : | Chemical Abstracts Service                                                                                                                                                                                                           |
| DNEL            | : | Derived no-effect level                                                                                                                                                                                                              |
| EC50            | : | Half maximal effective concentration                                                                                                                                                                                                 |
| GHS             | : | Globally Harmonized System                                                                                                                                                                                                           |
| IATA            | : | International Air Transport Association                                                                                                                                                                                              |
| IMDG            | : | International Maritime Code for Dangerous Goods                                                                                                                                                                                      |
| LD50            | : | Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)                                                                                               |
| LC50            | : | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)                                                                                                 |
| MARPOL          | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978                                                                                                                        |
| OEL             | : | Occupational Exposure Limit                                                                                                                                                                                                          |
| PBT             | : | Persistent, bioaccumulative and toxic                                                                                                                                                                                                |
| PNEC            | : | Predicted no effect concentration                                                                                                                                                                                                    |
| REACH           | : | 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), establishing a European Chemicals Agency |
| SVHC            | : | Substances of Very High Concern                                                                                                                                                                                                      |
| vPvB            | : | Very persistent and very bioaccumulative                                                                                                                                                                                             |

### Further information

#### Classification of the mixture:

|               |            |
|---------------|------------|
| Aerosol 1     | H222, H229 |
| Skin Irrit. 2 | H315       |
| STOT SE 3     | H336       |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



## SikaBiresin® RA870 (Sika Liquid Spray-870)

Date of last issue: 06.08.2025

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Aquatic Chronic 2

H411

Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.



Changes as compared to previous version !

GB / EN