



## Safety Data Sheet

according to UK REACH Regulation

### Kiehl-RapiDes

Revision date: 12.12.2022

Product code: j3504\_sd

Page 2 of 8

#### Hazard statements

H226 Flammable liquid and vapour.

#### Precautionary statements

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

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

#### 2.3. Other hazards

None known.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

water-soluble solvents

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
64-17-5	Ethanol			45 - < 50 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2; H225			

Full text of H and EUH statements: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

No hazards which require special first aid measures.

##### After inhalation

Take the victim into fresh air.

##### After contact with skin

Wash off with plenty of water.

##### After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

##### After ingestion

Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible.

Consult a physician if necessary.

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

This information is not available.

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

Show this safety data sheet to the doctor in attendance.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Any extinguishing means and measures are acceptable.

## Safety Data Sheet

according to UK REACH Regulation

### Kiehl-RapiDes

Revision date: 12.12.2022

Product code: j3504\_sd

Page 3 of 8

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

This information is not available.

#### **5.3. Advice for firefighters**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **SECTION 6: Accidental release measures**

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

##### **General advice**

Avoid contact with eyes.

##### **For non-emergency personnel**

No special measures are necessary.

##### **For emergency responders**

No special measures are necessary.

#### **6.2. Environmental precautions**

Do not flush into surface water.

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

##### **For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

##### **For cleaning up**

Wipe up with absorbent material (e.g. cloth, fleece).

Clean contaminated articles and floor according to the environmental legislation.

##### **Other information**

Never return spills in original containers for re-use.

#### **6.4. Reference to other sections**

Refer to protective measures listed in sections 7 and 8.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Ensure adequate ventilation.

##### **Advice on protection against fire and explosion**

When using do not smoke. Keep away from open flames, hot surfaces and sources of ignition.

Vapours may form explosive mixtures with air.

##### **Advice on general occupational hygiene**

General industrial hygiene practice. No special protective equipment required. When using do not smoke.

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

##### **Requirements for storage rooms and vessels**

Store at room temperature in the original container. Keep away from direct sunlight. Store in a place accessible by authorized persons only.

##### **Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

Do not store together with oxidizing and self-igniting products.

(See also section 10)

##### **Further information on storage conditions**

Keep away from heat and sources of ignition.

Keep container tightly closed.

Never return unused material to storage receptacle.

#### **7.3. Specific end use(s)**

## Safety Data Sheet

according to UK REACH Regulation

### Kiehl-RapiDes

Revision date: 12.12.2022

Product code: j3504\_sd

Page 4 of 8

This information is not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

#### Additional advice on limit values

If applied according to regulations, this will fall below the limit. There is no risk to health.

### 8.2. Exposure controls

#### Appropriate engineering controls

Not required.

#### Individual protection measures, such as personal protective equipment

##### Skin protection

Not required

##### Respiratory protection

Not required

##### Environmental exposure controls

Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	alcoholic

Melting point/freezing point:	<-40 °C
Boiling point or initial boiling point and boiling range:	>78 °C

#### Flammability

Solid/liquid: not applicable

Gas: not applicable

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Flash point: 24 °C

Auto-ignition temperature: >200 °C

Decomposition temperature: not determined

pH-Value (at 20 °C): approx. 7,0 K-QP1012C

Viscosity / kinematic: not determined

Water solubility: completely miscible

(at 20 °C)

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure: not determined

Density (at 20 °C): 0,91 g/cm<sup>3</sup> K-QP1012E

Relative vapour density: not determined

#### Test method

## Safety Data Sheet

according to UK REACH Regulation

### Kiehl-RapiDes

Revision date: 12.12.2022

Product code: j3504\_sd

Page 5 of 8

#### 9.2. Other information

##### Information with regard to physical hazard classes

Explosive properties

Not explosive

Self-ignition temperature

Solid:

not applicable

Gas:

not applicable

Oxidizing properties

Not relevant

##### Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

Sublimation point:

not applicable

Softening point:

not applicable

Pour point:

not applicable

Viscosity / dynamic:

not determined

Flow time:

not determined

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

This information is not available.

#### 10.2. Chemical stability

This information is not available.

#### 10.3. Possibility of hazardous reactions

This information is not available.

#### 10.4. Conditions to avoid

Do not expose to temperatures above 30 °C.

#### 10.5. Incompatible materials

Oxidizing agents (Peroxides, Nitric acid)

#### 10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

#### Further information

Do not mix with other detergents or chemicals.

## SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

##### Acute toxicity

Based on available data, the classification criteria are not met.

##### Irritation and corrosivity

Based on available data, the classification criteria are not met.

##### Sensitising effects

Based on available data, the classification criteria are not met.

##### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

##### STOT-single exposure

Based on available data, the classification criteria are not met.

##### STOT-repeated exposure

Based on available data, the classification criteria are not met.

## Safety Data Sheet

according to UK REACH Regulation

### Kiehl-RapiDes

Revision date: 12.12.2022

Product code: j3504\_sd

Page 6 of 8

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

This information is not available.

##### Further information

Health injuries are not known or expected under normal use.

## SECTION 12: Ecological information

#### 12.1. Toxicity

Based on available data, the classification criteria are not met.

#### 12.2. Persistence and degradability

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

#### 12.3. Bioaccumulative potential

This information is not available.

#### 12.4. Mobility in soil

This information is not available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

This information is not available.

##### Further information

Chemical Oxygen Demand (COD): 995 mg O<sub>2</sub>/g

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Container should be emptied thoroughly.  
Do not pour remains of product in large quantities into the sewage.

##### List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

##### List of Wastes Code - used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

##### Contaminated packaging

Clean container with water. Return cleaned containers to the company for recycling.  
Offer rinsed packaging material to local recycling facilities.

## SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.1. UN number or ID number:

UN 1170

##### 14.2. UN proper shipping name:

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

##### 14.3. Transport hazard class(es):

3

**Safety Data Sheet**

according to UK REACH Regulation

**Kiehl-RapiDes**

Revision date: 12.12.2022

Product code: j3504\_sd

Page 7 of 8

**14.4. Packing group:** III  
Hazard label: 3



Classification code: F1  
Special Provisions: 144 601  
Limited quantity: 5 L  
Excepted quantity: E1  
Transport category: 3  
Hazard No: 30  
Tunnel restriction code: D/E

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 1170  
**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: 144, 223  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-E, S-D

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Not required

**14.7. Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information**

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):  
Entry 3, Entry 40

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information**

**Changes**

This data sheet contains changes from the previous version in section(s): 3 / 6 / 7 / 8 / 12

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

## Safety Data Sheet

according to UK REACH Regulation

### Kiehl-RapiDes

Revision date: 12.12.2022

Product code: j3504\_sd

Page 8 of 8

IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation  
 intérieures)  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data

#### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*