

Safety Data Sheet

GHS VERSION



Article No.: 25754
Print date 27.01.2021
Version 1.4

KIWOSOLV L 72
Revision date 27.01.2021
Issue date 02.12.2020

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

1.1. Product identifier

Article No. (manufacturer/supplier): 25754
Trade name/designation: KIWOSOLV L 72
KIWO REDUCER
REACH No.: 01-2119475103-46

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

Relevant identified uses

Cleaner / Thinner. Reserved for industrial and professional use.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

KIWO Inc.
1929 Marvin Circle Telephone: +1 281-474-9777
Seabrook, TX 77586 Telefax: +1 281-474-7325
USA

1.4. Emergency telephone number

Emergency telephone: 1-800-255-3924 / +1 813-248-0573 (ChemTel)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GHS

| | | |
|----------------------|-----------------------------------|-------------------------------------|
| Eye Irrit. 2A / H319 | Serious eye damage/eye irritation | Causes serious eye irritation. |
| STOT SE 3 / H336 | STOT-single exposure | May cause drowsiness or dizziness. |
| Flam. Liq. 2 / H225 | Flammable liquids | Highly flammable liquid and vapour. |

2.2. Label elements

The product is classified and labelled according to GHS.

Labelling according to GHS

Hazard pictograms



Danger

Hazard statements

| | |
|------|-------------------------------------|
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H225 | Highly flammable liquid and vapour. |

Precautionary Statements

| | |
|-------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P370 + P378 | In case of fire: Use extinguishing powder or sand to extinguish. |
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |

Hazard components for labelling

Ethyl acetate

HMIS-CODE

| | |
|------------|---|
| Health | 2 |
| Fire | 2 |
| Reactivity | 0 |
| | B |

Classification code:

0 = minimal / 1 = low / 2 = moderate / 3 = strong / 4 = extreme

2.3. Other hazards

No information available.

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SECTION 3: Composition / information on ingredients

3.1. Substances

Description Mixture of components, as listed below, with nonhazardous constituents

Hazardous ingredients

Classification according to GHS

| EC No. | CAS No. | Designation | weight-% |
|--------------|---------------------------|-------------|----------|
| INDEX No. | classification: // Remark | | |
| 205-500-4 | | | |
| 141-78-6 | Ethyl acetate | | 60 - 100 |
| 607-022-00-5 | | | |

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

After eye contact

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.

After ingestion

Seek medical advice immediately. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide Water mist Foam

Unsuitable extinguishing media

strong water jet

5.2. Special hazards arising from the substance or mixture

Gases/vapours, toxic

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device.

Additional information

The danger areas must be delimited and identified using relevant warning and safety signs. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Remove persons to safety. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Provide good ventilation.

6.3. Methods and material for containment and cleaning up

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Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Product may become electrostatically charged. When transferring, earthed pipework shall be used exclusively. Anti-static clothing including shoes are recommended. Use only spark proof tools. Avoid contact with eyes and skin. Do not inhale vapours or mist.

Do not eat, drink or smoke when using this product.

Personal protection equipment: refer to section 8.

Follow the legal protection and safety regulations.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Always keep in containers that correspond to the material of the original container. Ensure adequate ventilation of the storage area.

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information

VCI-storage class, see Chapter 15

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

Ethyl acetate

INDEX No. 607-022-00-5 / EC No. 205-500-4 / CAS No. 141-78-6

OSHA, TWA: 1400 mg/m³; 400 ppm

NIOSH, TWA: 1400 mg/m³; 400 ppm

ACGIH, TWA: 1440 mg/m³; 400 ppm

Additional information

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

C : peak limitation

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Personal protection equipment

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according to GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Hand protection

Wear chemical resistant protective gloves.

Eye/face protection

Wear closed protection glasses.

Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

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Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

This solvent is to be sent to recycling or to disposal after use. Incorrect disposal endangers the environment. After use, all mixtures with other foreign substances or solvents of other types is forbidden. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state: Liquid
Colour: refer to label

Odour: characteristic

Odour threshold: not applicable

pH at 20 °C: not applicable

Melting point/freezing point: not applicable

Initial boiling point and boiling range: 76 °C

Flash point: -4 °C

Method: ASTM D 93 Pensky-Martens

Evaporation rate: not applicable

flammability

Burning time (s): not applicable

Upper/lower flammability or explosive limits:

Lower explosion limit: 2.1 Vol-%

Upper explosion limit: 11.5 Vol-%

Vapour pressure at 20 °C: 100 mbar

Vapour density: not applicable

Relative density:

Density at 20 °C: 0.90 g/cm³

Solubility(ies):

Water solubility (g/L) at 20 °C: insoluble

Partition coefficient: n-octanol/water: see section 12

Auto-ignition temperature: 460 °C

Decomposition temperature: not applicable

Viscosity at 20 °C: 10 s 4 mm

Method: DIN 53211

Explosive properties: not applicable

Oxidising properties: not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

10.5. Incompatible materials

not applicable

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification for mixtures and used evaluation method according to GHS

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

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

Skin corrosion/irritation; Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

STOT-single exposure; STOT-repeated exposure

May cause drowsiness or dizziness.

Aspiration hazard

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

Practical experience/human evidence

Prolonged or repeated contact with the preparation can lead to irritations of mucous membranes and of skin such as redness, formation of blebs, dermatitis, etc.. In case of inhalation dizziness, Nausea Inhalation causes narcotic effects/intoxication. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification for mixtures and used evaluation method according to GHS Do not store at public landfills.

12.1. Toxicity

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

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Appropriate disposal / Product Recommendation

Dispose according to legislation.

Appropriate disposal / Package Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. UN number

UN 1173

14.2. UN proper shipping name

| | |
|-------------------------------------|---------------|
| Land transport (ADR / RID / DOT): | Ethyl acetate |
| Sea transport (IMDG): | ETHYL ACETATE |
| Air transport (ICAO-TI / IATA-DGR): | Ethyl acetate |

14.3. Transport hazard class(es)

3

14.4. Packing group

II

14.5. Environmental hazards

| | |
|-----------------------------------|----------------|
| Land transport (ADR / RID / DOT): | not applicable |
| Marine pollutant | not applicable |

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

| | |
|-------------------------|-----|
| tunnel restriction code | D/E |
|-------------------------|-----|

Sea transport (IMDG)

| | |
|-----------------|----------|
| EmS-No. | F-E, S-D |
| Packaging >30 l | |

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

Substance/product listed in the following inventories:

USA: TSCA - YES

SECTION 16: Other information

Further information

Classification for mixtures and used evaluation method according to GHS

The information supplied on this safety data sheet is correct to the best of our knowledge. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.