

Weicon GmbH

Revision date: 26.11.2009

Revision no.:

1,00

CA-Activator Liquid different packaging sizes

7619-0073

1. Product and Company Identification

Commercial product name

CA-Activator Liquid different packaging sizes

Further trade names

12500-3

Chemical characterization (Mixture)

Preparation of surfactants in heptane.

Company/undertaking identification

Manufacturer

Weicon GmbH

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D-48157 Münster

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Responsible for the safety data sheet: sds@gbk-ingelheim.de

2. Hazards Identification

Route(s) of Entry

Skin and eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure

WARNING !

Highly flammable

Irritating to skin.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

3. Composition/Information on Ingredients

Hazardous components

CAS No.	Components	Quantity
142-82-5	heptane; n-heptane	>25 %

4. First Aid Measures

General information

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately with soap and plenty of water.

Consult a doctor if skin irritation persists.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

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If eye irritation persists, consult a specialist.

After ingestion

Do not induce vomiting.

Call a physician immediately.

Rinse out mouth and give plenty of water to drink.

Advice to physician

Attention. Beware of aspiration danger.

5. Fire Fighting Measures

Suitable extinguishing media

Foam

Dry fire-extinguishing substance

Carbon dioxide

Sand

Unsuitable extinguishing media

Full water jet

Special hazards arising from the chemical

Fire may produce:

Carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

Use breathing apparatus with independent air supply.

Additional information

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

6. Accidental Release Measures

Personal precautions

Avoid contact with skin, eyes and clothing.

In case of insufficient ventilation, wear suitable respiratory equipment.

Ensure adequate ventilation.

Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Take up with absorbent material.

Shovel into suitable container for disposal.

7. Handling and Storage

Handling

Advice on safe handling

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

Protect from heat/overheating.

Advice on protection against fire and explosion

Do not smoke - volatile.

Keep away from heat and sources of ignition.

Take precautionary measures against static discharges (earthing (grounding) at pouring).

Storage

Requirements for storage rooms and vessels

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

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

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8. Exposure Controls/Personal Protection

Exposure limit values

Exposure limits

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
142-82-5	Heptane (n-Heptane)	500	2000		TWA (8 h)	PEL

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Pay attention to explosion protection guidelines.

Protective and hygiene measures

Do not inhale vapours.

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Hand protection

Protective gloves resistant to chemicals made of nitrile, Minimum coat thickness 0.11 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Dermatril L 741> made by www.kcl.de. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Safety goggles with side protection

Skin protection

Protective clothing

9. Physical and Chemical Properties

Appearance

Form: Liquid
 Color: Yellow, clear
 Odor: Like petrol (gasoline)

Important health, safety and environmental information

Test method

Changes in the physical state

Melting point: <0 °C
 Boiling point: >95 °C
 Flash point: 0 °C

Explosive properties

"The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated."

Lower explosion limits: 0,6 vol. %
 Upper explosion limits: 7 vol. %
 Vapour pressure: 130 hPa
 (at 20 °C)
 Density (at 20 °C): 0,71 g/cm³
 Water solubility: Insoluble

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Viscosity / dynamic:
(at 20 °C)

<10 mPa·s Brookfield

Solvent content

100%

Other information

Ignition temperature:

>200 °C

10. Stability and Reactivity**Stability**

Stable

Conditions to avoid

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

Materials to avoid

Strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Possibility of Hazardous Reactions

Will not occur

Additional information

No decomposition if stored and applied as directed.

11. Toxicological Information**Acute toxicity**

LD50/oral : >2000 mg/kg Rat

Corrosive and irritant effects

Eye irritation: Low irritant effect - not necessary to label

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Inhalation causes headache/nausea.

Inhalation causes narcotic effect/intoxication.

Empirical data on effects on humans

Ingestion or inhalation of high concentrations may cause injuries to gastrointestinal tract, liver, kidneys and central nervous system.

Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

Contact with eyes may cause irritation.

Inhalation of vapours in high concentration can cause narcotic effects.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Components of the product may be absorbed into the body through the skin.

12. Ecological Information**Further information**

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into the ground water or aquatic environment.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal Considerations**Advice on disposal**

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

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Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport Information

US DOT 49 CFR 172.101

Proper shipping name

Heptanes

ID Number: UN1206

Hazard Class or Division: 3

Packing group: II

Label: 3

Land transport (ADR/RID)

UN number: 1206

ADR/RID class: 3

Warning plate

Hazard-no.: 33

Hazard label: 3



ADR/RID packing group: II

Description of the goods

Heptanes

Other applicable information

Additional label with symbol "fish and tree" according to subsection 5.2.1.8.3. ADR for single packagings and inner packagings with > 5 kg or 5 L, transition period ends 31.12.2010.

Marine transport

UN number: 1206

IMDG code: 3

IMDG packing group: II

Description of the goods

Heptanes

Air transport

UN/ID number: 1206

ICAO/IATA-DGR: 3

Hazard label: 3



ICAO packing group: II

Description of the goods

Heptanes

15. Regulatory Information

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification

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requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

16. Other Information

Hazardous Materials Information Label (HMIS)

Health: 1

Flammability: 3

Physical Hazard: 0

NFPA Hazard Ratings

Health: 1

Flammability: 3

Reactivity: 0

Unique Hazard:



Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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