

Safety Data Sheet
acc. to OSHA HCS

Printing date 03/12/2018

Reviewed on 03/12/2018

1 Identification

• **Product identifier**

- Trade name: CYBERSOLV C8502
- Application of the substance / the mixture: Cleaning agent/ Cleaner

• **Details of the supplier of the safety data sheet**

- Manufacturer/Supplier:
KYZEN
430 Harding Industrial Drive
NASHVILLE, TN 37211 USA
P: 1-800-845-5524
www.KYZEN.com
- Information department: Product safety department
- Emergency telephone number:
CHEMTREC
Within the USA and Canada: 1-800 424-9300
Outside the USA and International: +1-703-527-3887

2 Hazard(s) identification

• **Classification of the substance or mixture**



GHS08 Health hazard

Repr. 1 H360 May damage fertility or the unborn child.



GHS05 Corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

• **Label elements**

- GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms



GHS05



GHS08

- Signal word Danger

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4 First-aid measures

• Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor.
- Information for doctor:
 - Most important symptoms and effects, both acute and delayed No further relevant information available.
 - Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

• Extinguishing media

- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
 - Protective equipment: No special measures required.

6 Accidental release measures

• Personal precautions, protective equipment and emergency procedures

- Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Prevent from spreading (e.g. by damming-in or oil barriers).
- **Methods and material for containment and cleaning up:**
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 - Use neutralizing agent.
 - Dispose contaminated material as waste according to item 13.
 - Ensure adequate ventilation.
- **Reference to other sections**
 - See Section 7 for information on safe handling.
 - See Section 8 for information on personal protection equipment.
 - See Section 13 for disposal information.

7 Handling and storage

• Handling:

- Precautions for safe handling
 - Ensure good ventilation/exhaustion at the workplace.
 - Open and handle receptacle with care.
 - Prevent formation of aerosols.
- Information about protection against explosions and fires: Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
 - Storage:
 - Requirements to be met by storerooms and receptacles: No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: Keep receptacle tightly sealed.

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· Eye protection:

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Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

· Form: Liquid
· Color: Light yellow

· Odor: Mild

· Odor threshold: Not determined.

· pH-value at 20 °C (68 °F): 11.5

· Change in condition

· Melting point/Melting range: Undetermined.

· Boiling point/Boiling range: 104 °C (219.2 °F)

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not applicable.

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

· Lower: Not determined.

· Upper: Not determined.

· Vapor pressure at 20 °C (68 °F): 23 hPa (17.3 mm Hg)

· Density at 20 °C (68 °F): 1 g/cm³ (8.345 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with

· Water: Fully miscible.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

· Dynamic: Not determined.

· Kinematic: Not determined.

· Other information

No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.

· Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

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· **Other adverse effects** No further relevant information available.

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13 Disposal considerations

· **Waste treatment methods**

· Recommendation:

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· **Uncleaned packagings:**

· Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

· **UN-Number**

· DOT, ADR, ADN, IMDG, IATA

Not Regulated

· **UN proper shipping name**

· DOT, ADR, ADN, IMDG, IATA

Not Regulated

· **Transport hazard class(es)**

· DOT, ADR, ADN, IMDG, IATA

· Class

Not Regulated

· **Packing group**

· DOT, ADR, IMDG, IATA

Not Regulated

· **Environmental hazards:**

· Marine pollutant:

No

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

· **UN "Model Regulation":**

Not Regulated

15 Regulatory information

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

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act): All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

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listed within are typical values based on samples tested and should not be construed as guaranteed analysis of any specific lot or as specifications for the product. KYZEN does not intend this information to be all-inclusive as to the manner and conditions of use, handling, storage and disposal. Other factors may involve additional legal, environmental, safety or performance considerations, and KYZEN assumes no liability whatsoever for the use of, or reliance upon, this information. | www.kyzen.com/terms

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• **Department issuing SDS:** Product safety department

• **Contact:** SDS Coordinator

• Date of preparation / last revision 03/12/2018 / -

• 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)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Repr. 1: Reproductive toxicity – Category 1

• * Data compared to the previous version altered.

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