



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

1 Identification

- **Product identifier**
- **Trade name: Clinosolv Adsorb**
- **CAS Number:**
70131-50-9
- **EC number:**
274-324-8
- **Application of the substance / the mixture**
Dry-cleaning
Additiv for solvent care
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SEITZ GmbH
Gutenbergstrasse 1 - 3
65830 Kriftel / Germany
Tel. + 49(0) 6192-9948-0
Fax + 49(0) 6192-9948-99
order@seitz24.com
www.seitz24.com
- **Information department:**
CHEM-TEL Inc.
1305 North Florida Ave
Tampa Florida 33602
- **Emergency telephone number:** 1-800-255-3924

2 Hazard(s) identification

- **Classification of the substance or mixture**
The substance is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description:**
70131-50-9 Bentonite, acid-leached
- **Identification number(s):**
- **EC number:** 274-324-8
- **Additional information** For the wording of the listed hazard phrases refer to section 16.

US

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

Trade name: **Clinosolv Adsorb**

(Contd. of page 1)

4 First-aid measures

- **Description of first aid measures**
- **General information** Seek medical treatment.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** Rinse out mouth and then drink plenty of water.
- **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**
Symptomatic treatment

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
Water spray
Fire-extinguishing powder
Foam
Carbon dioxide
- **For safety reasons unsuitable extinguishing agents** not applicable
- **Special hazards arising from the substance or mixture**
No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Avoid formation of dust.
Avoid contact with eyes and skin.
Ensure adequate ventilation
Product forms slippery surface when combined with water.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.

(Contd. on page 3)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

Trade name: Clinosolv Adsorb

See Section 13 for disposal information.

(Contd. of page 2)

7 Handling and storage

- **Handling**
- **Precautions for safe handling**
Prevent formation of dust.
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with eyes and skin.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from humidity and water.
Time of storage: max. 18 month
- **Specific end use(s)** Dry-cleaning

8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Do not eat, drink, smoke or sniff while working.
Avoid contact with the eyes and skin.
Vacuum clean contaminated clothing. Do not blow or brush off contamination.
Do not inhale dust / smoke / mist.
- **Breathing equipment:**
Ensure good ventilation/exhaustion at the workplace.
By formation of dust: dust mask
- **Protection of hands:**
Protective gloves.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**
Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Tightly sealed goggles.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

Trade name: **Clinosolv Adsorb**

(Contd. of page 3)

- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Powder

Color: Light grey

- **Odor:** Odorless

- **Odor threshold:** No further relevant information available.

- **pH-value at 20 °C (68 °F):** > 2.0 - 8.6 (aqueous suspension)

- **Change in condition**

Melting point/Melting range: > 450 °C (> 842 °F) (EU A.1)

Boiling point/Boiling range: not applicable

- **Flash point:** Not applicable

- **Flammability (solid, gaseous)** No further relevant information available.

- **Ignition temperature:**

Decomposition temperature: No further relevant information available.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: No further relevant information available.

Upper: No further relevant information available.

- **Oxidizing properties** No further relevant information available.

- **Vapor pressure:** No further relevant information available.

- **Density at 20 °C (68 °F):** 2.6 g/cm³ (21.697 lbs/gal)

- **Bulk density at 20 °C (68 °F):** 140 - 900 kg/m³

- **Relative density** No further relevant information available.

- **Vapor density** No further relevant information available.

- **Evaporation rate** No further relevant information available.

- **Solubility in / Miscibility with**

Water: Insoluble

- **Partition coefficient (n-octanol/water):** No further relevant information available.

- **Viscosity:**

dynamic: No further relevant information available.

kinematic: No further relevant information available.

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No decomposition if used and stored according to specifications.

- **Chemical stability** Stable under normal ambient conditions.

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

Trade name: Clinosolv Adsorb

(Contd. of page 4)

- **Possibility of hazardous reactions** None
- **Conditions to avoid** Prevent formation of dust.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** None if used as directed.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

CAS: 70131-50-9 Bentonite, acid-leached

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat) (OECD 402)
Inhalative	LC50	50 mg/l (rat) (OECD 403)

- **on the skin:** Based on available data, the classification criteria are not met.
- **on the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

Substance is not listed.

- **NTP (National Toxicology Program)**

Substance is not listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

CAS: 70131-50-9 Bentonite, acid-leached

EC50	> 100 mg/l (Aquatic plants, algae) (72 h; Desmodemus subspicatus, OECD 201)
	> 100 mg/l (Aquatic invertebrates) (48 h; Daphnia magna, OECD 202)

- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

US

(Contd. on page 6)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

Trade name: Clinosolv Adsorb

(Contd. of page 5)

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Contaminated adsorbent, soil, water must be disposed of in a permitted hazardous waste management facility. Recovered products may be reused, reprocessed or incinerated or must be treated in a permitted hazardous waste management facility. It is your duty to dispose of the chemical materials and/or their containers in accordance with the Clean Air Act, The Clean Water Act, RCRA, as well as applicable Federal, State, and local Regulations regarding disposal.

14 Transport information

· UN-Number	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	Void
· Class	Void
· Packing group	Void
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

15 Regulatory information

- **Canadian substance lists**
- **Canadian domestic substance list (DSL):**
Substance is listed.
- **Canadian ingredient disclosure list (limit 0.1%):**
Substance is not listed.
- **Canadian ingredient disclosure list (limit 1%):**
Substance is not listed.
- **Sara**
- **Section 355 (extremely hazardous substances):**
Substance is not listed.
- **Section 313 (specific toxic chemical listings):**
Substance is not listed.

(Contd. on page 7)



Safety Data Sheet acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

Trade name: Clinosolv Adsorb

(Contd. of page 6)

· TSCA (Toxic Substances Control Act):

Substance is listed.

· Proposition 65

· Chemicals known to cause cancer:

Substance is not listed.

· Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

· Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

· Chemicals known to cause developmental toxicity:

Substance is not listed.

· New Jersey Right-to-Know List:

Substance is not listed.

· New Jersey Special Hazardous Substance List:

Substance is not listed.

· Pennsylvania Right-to-Know List:

Substance is not listed.

· Pennsylvania Special Hazardous Substance List:

Substance is not listed.

· EPA (Environmental Protection Agency)

Substance is not listed.

· TLV (Threshold Limit Value established by ACGIH)

Substance is not listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

Substance is not listed.

· National regulations

· Other regulations, limitations and prohibitive regulations

· Please note:

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyers responsibility to ensure that its activities comply with Federal, State or provincial, and local laws. The following specific information is made for the purpose of complying with numerous laws and regulations.

· Other information: The product has been designed for professional use only.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Date of preparation / last revision 04/21/2017 / 2

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

(Contd. on page 8)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/21/2017

Reviewed on 04/21/2017

Trade name: Clinosolv Adsorb

(Contd. of page 7)

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

• * **Data compared to the previous version altered.**

US