

Safety Data Sheet

Liquid Absorber

Version: 5
 Version date: 02/11/2023
 Language: EN
 According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Substance name : **Generic name:** Liquid Absorber.
 Substance Name: Sodium Polyacrylate.

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Relevant identified uses:

Title	LCS	SU	PC...	PROC	ERC
Liquid Absorber					

Full text of use descriptors : see section 16

Uses advised against : No data available.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier : DDC Dolphin Ltd.
 The Fulcrum, Vantage Way, Poole, Dorset.
 BH12 4NU
 United Kingdom
Telephone: +44 (0) 1202 731555
Website: www.ddcdolphin.com
E-mail: info@ddcdolphin.com

1.4. EMERGENCY TELEPHONE NUMBER

United Kingdom:

England and Wales: Dial 111 (NHS 111)
 Scotland: Dial 111 (NHS 24)
 Belfast HSC Trust: (North & West) Dial 028 9074 4447
 (South & East) Dial 028 9079 6220
 South Eastern HSC Trust: (North Down & Ards) Dial 028 9182 2344
 (Lisburn & Downpatrick) Dial 028 9260 2204
 Northern HSC Trust: (Dalriada Urgent Care) Dial 028 2566 3500
 Southern HSC Trust: Dial 028 3839 9201
 Western Urgent Care: Dial 028 7186 5195.
 Northern Ireland: Contact your local GP or pharmacist during normal hours.
 During GP Out-of-Hours (www.gpoutofhours.hscni.net/)

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Hazards identification:

H319 Eye Irrit. 2 Causes serious eye irritation
 H332 Acute Tox. 4 INHALATION Harmful if inhaled.

2.2. LABEL ELEMENTS

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Labelling

Hazard pictograms



Signal word

Warning

Hazard Statements

H319 Causes serious eye irritation
 H332 Harmful if inhaled.

Precautionary Statements - Response

- P301+P317 IF SWALLOWED: Get medical help.
 P302+P350 IF ON SKIN: Gently wash with plenty of soap and water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+P313 If skin irritation occurs: Get medical advice/attention.

Contains

2-Propenoic acid, homopolymer, sodium salt

2.3. OTHER HAZARDS

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. SUBSTANCES**

In accordance with the product knowledge, no nanomaterials have been identified.

The substance does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

Substance	Concentration (%)	Specific concentration limits	Classification
2-Propenoic acid, homopolymer, sodium salt			
CAS N° EC N° IDX N° Registration number	9003-04-7 C ≤ 38.0%		H319 Eye Irrit. 2 H332 Acute Tox. 4 INHALATION

REMARK

Text phrases and H- EUH-: see section 16.

SECTION 4: FIRST AID MEASURES**4.1. DESCRIPTION OF FIRST AID MEASURES****General information:**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Do not leave affected person unattended.

Remove victim out of the danger area.

Keep affected person warm, still and covered.

Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

If the victim is unconscious but breathing normally, place her in recovery position and seek medical advice.

If breathing is irregular or stopped, administer artificial respiration.

After inhaling vapours the first signs of poisoning can show up hours later, so always consult a doctor.

No resuscitation mouth-to-mouth or mouth-to-nose. AMBU use a mask or respirator.

Following skin contact:

Wash with soap and water.

Change contaminated, saturated clothing.

If irritation occurs, seek medical advice.

Wash immediately with soap and water for at least 15 minutes.

Following eye contact:

In case of eye irritation consult an ophthalmologist.

Rinse immediately carefully and thoroughly with eye-bath or water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Rinse for at least 15 minutes.

Following ingestion:

Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

Self-protection of the first aider:

First aider: Pay attention to self-protection!.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**Notes for the doctor:**

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1. EXTINGUISHING MEDIA****Suitable extinguishing media:**

Foam.
Extinguishing powder.
Carbon dioxide (CO₂).
Sand.

Unsuitable extinguishing media:

Strong water jet.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Formation of toxic gases is possible during heating or in case of fire.

5.3. ADVICE FOR FIREFIGHTERS

Wear a self-contained breathing apparatus and chemical protective clothing.

ADDITIONAL INFORMATION

Do not inhale vapors and fumes.
Co-ordinate fire-fighting measures to the fire surroundings.
Move undamaged containers from immediate hazard area if it can be done safely.
Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.
Use water spray jet to protect personnel and to cool endangered containers.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use personal protection equipment.
Remove persons to safety.
Use appropriate respiratory protection.
Provide adequate ventilation.

6.2. ENVIRONMENTAL PRECAUTIONS

Ensure that waste is collected and contained.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Treat the recovered material as prescribed in the section on waste disposal.
Collect in closed and suitable containers for disposal.
Clean contaminated objects and areas thoroughly observing environmental regulations.
Ventilate affected area.

6.4. REFERENCE TO OTHER SECTIONS

Safe handling: see section 7.
Disposal: see section 13.
Personal protection equipment: see section 8.

ADDITIONAL INFORMATION

Not available

SECTION 7: HANDLING AND STORAGE**7.1. PRECAUTIONS FOR SAFE HANDLING**

Avoid exposure - obtain special instructions before use.
Use only outdoors or in a well-ventilated area.
If necessary, wear gloves.

PROTECTIVE MEASURES:

Avoid contact with skin, eyes and clothes.
Use only in well-ventilated areas.
If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.
Provide adequate ventilation as well as local exhaust at critical locations.
Wear personal protective clothing (see section 8).
Sewers and ducts must be protected against the entry of the product.
Avoid breathing dust.

Advices on general occupational hygiene:

Wash hands before breaks and after work.
Work in well ventilated zones or use proper respiratory protection.
Remove contaminated, saturated clothing immediately.

In the immediate working surroundings there must be:

Provide eye shower and label its location conspicuously.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

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

Keep container in upright position in order to prevent leakage.

Containers of this material may be hazardous when empty since they retain product residues (dust, solids).

Requirements for storage rooms and vessels:

Ensure adequate ventilation of the storage area.

Advice on joint storage:

Keep away from food, drink and animal feedingstuffs.

7.3. SPECIFIC END USES

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. CONTROL PARAMETERS****Occupational exposure limits:**

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2. EXPOSURE CONTROLS**Appropriate engineering controls:**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Fresh air (open windows and doors) is necessary.

Individual protection measures, such as personal protective equipment:**Eye/face protection**

- : **Suitable eye protection:**
Wear eye protection equipment.
- Recommended eye protection articles:**
Eye glasses.

Skin protection

- : **Hand protection:**
Suitable gloves type:
Wear protective gloves.
Additional hand protection measures:
Use gloves only once.
Remark:
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Breakthrough times and swelling properties of the material must be taken into consideration.
Do not wear gloves near machines and tools, if operating instructions state no hand coverings to be worn.
- Body protection:**
Suitable protective clothing:
Lab coat.

Respiratory protection

- : **Respiratory protection necessary at:**
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Suitable respiratory protection apparatus:
Wear respiratory protection.
Remark:

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits as specified by the manufacturer. Use only respiratory protection equipment with CE-symbol including four digit test number.

Environmental exposure controls:

Not available

Consumer exposure controls:

Not available

ADDITIONAL INFORMATION

Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	:	Solid
Colour	:	White Paper Packaged White Granule
Odour	:	Odourless
pH	:	Not applicable
Melting point/freezing point	:	Not available
Initial boiling point and boiling range	:	0°C
Flash point	:	170°C
Flammability	:	Not available
Upper/lower flammability or explosive limits	:	Not applicable
Vapour pressure	:	Not available
Vapour density	:	Not applicable
Relative density	:	Not available
Solubility(ies)	:	Indiscrptible, And Inflate When Contact With Water
Partition coefficient n-octanol/water (log value)	:	Not available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	Not available
Kinematic viscosity	:	Not available
Solubility in other Solvents	:	Not available
Particle characteristics	:	Not available

9.2. OTHER SAFETY INFORMATION**Information concerning to the classes of physical hazards**

Not available

Other security characteristics

Not available

SECTION 10: STABILITY AND REACTIVITY**10.1. REACTIVITY**

No data available.

10.2. CHEMICAL STABILITY

The product is stable when stored at normal ambient temperatures.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reaction when handled and stored according to provisions.

10.4. CONDITIONS TO AVOID

Water.

10.5. INCOMPATIBLE MATERIALS

No data available.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Does not decompose when used for intended uses.

ADDITIONAL INFORMATION

Not available

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008****Acute oral toxicity:**

The product is not classified.

Substances:

Not available

Acute dermal toxicity:

The product is not classified.

Substances:

Not available

Acute inhalation toxicity:

The product is classified Acute Tox. 4_INHALATION according to the referenced regulation.

Harmful if inhaled.

ATE "Liquid Absorber" = 3.947368421052632 mg/kg.

Substances:

Not available

Skin corrosion/irritation:

The product is not classified.

Substances:

Not available

Serious eye damage/irritation:

The product is classified Eye Irrit. 2 according to the referenced regulation.

Causes serious eye irritation.

Substances:

Not available

Skin sensitisation:

The product is not classified.

Substances:

Not available

Specific target organ toxicity (repeated exposure):

The product is not classified.

Substances:

Not available

Specific target organ toxicity (single exposure):

The product is not classified.

Substances:

Not available

Carcinogenicity:

The product is not classified.

Substances:

Not available

Reproductive toxicity:

The product is not classified.

Substances:

Not available

Germ cell mutagenicity:

The product is not classified.

Substances:

Not available

Sensitisation to the respiratory tract:

The product is not classified.

Substances:

Not available

Additional information:

Not available

11.2. INFORMATION ON OTHER HAZARDS**Endocrine disrupting properties:**

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

SECTION 12: ECOLOGICAL INFORMATION**12.1. TOXICITY**

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

Substances:

Not available

12.2. PERSISTENCE AND DEGRADABILITY

The product has not been tested.

Substances:

Not available

12.3. BIOACCUMULATIVE POTENTIAL

The product has not been tested.

Substances:

Not available

12.4. MOBILITY IN SOIL

The product has not been tested.

Substances:

Not available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

No data available.

12.6. ENDOCRINE DISRUPTING PROPERTIES

No data available.

12.7. OTHER ADVERSE EFFECTS

Not available

ADDITIONAL ECOTOXICOLOGICAL INFORMATION

Not available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. WASTE TREATMENT METHODS****Product/Packaging disposal:****Waste codes/waste designations according to EWC/AVV:**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options:**Appropriate disposal/Product:**

Waste requiring special supervision.

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Handle contaminated packages in the same way as the substance itself.

Dispose of waste according to applicable legislation.

Remark:

For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

ADDITIONAL INFORMATION

Not available

SECTION 14: TRANSPORT INFORMATION**14.1. UN NUMBER**

Not available

14.2. UN PROPER SHIPPING NAME

Not available

14.3. TRANSPORT HAZARD CLASS(ES)

Do not damage the package by pressing, falling and turning over.

Avoid humidity in transit.

14.4. PACKING GROUP

Not available

14.5. ENVIRONMENTAL HAZARDS

Not available

14.6. SPECIAL PRECAUTIONS FOR USER

Not available

14.7. BULK SHIPPING ACCORDING TO IMO INSTRUMENTS

Not available

ADDITIONAL INFORMATION

Not available

SECTION 15: REGULATORY INFORMATION**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

15.2. CHEMICAL SAFETY ASSESSMENT

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

ADDITIONAL INFORMATION

Not available

SECTION 16: OTHER INFORMATION**INDICATION OF CHANGES**

Updated in line with new EU Regulations: "Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878)2" including addition of CLP requirements.

ABBREVIATIONS AND ACRONYMS

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

KEY LITERATURE REFERENCES AND SOURCES FOR DATA

No data available.

CLASSIFICATION FOR MIXTURES AND USED EVALUATION METHOD ACCORDING TO REGULATION (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

Complies with ATP 18, Regulation (EU) n°2022/692.

RELEVANT R-, H- AND EUH-PHRASES (NUMBER AND FULL TEXT)

H319	Eye Irrit. 2	Causes serious eye irritation
H332	Acute Tox. 4 INHALATION	Harmful if inhaled.

TRAINING ADVICE

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

ADDITIONAL INFORMATION

Creation date: 20/10/2023

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The information given in this Safety Data Sheet is based on our present knowledge and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.