

SAFETY DATA SHEET



According to directive 1907/2006/EC, 2020/878
Version 1.0 Issue date: 10-01-2021
Trade name: Cosclay® Clay Softener

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

1.1 Product identification:

Product name: Cosclay® Clay Softener

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

General use: Plasticizer; Softening agent for oven curing modeling clay.

Recommended restrictions on use: For business use only.

1.3 Details of the supplier of the safety data sheet

Responsible distributor : ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium:

Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct

For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

Not a hazardous substance or mixture.

Adverse physico-chemical effects, effects on human health and the environment

To our knowledge, this product poses no specific risk provided that it is handled in accordance with good occupational hygiene and safety practices.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:

Not a hazardous substance or mixture.

Safety recommendations (CLP):

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

Prevention

Precautions:

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash with soap and water thoroughly after handling.

P281: Use personal protective equipment as required.

2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

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The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

Toxicological information:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.1 Substance:

Name	CAS number	% by weight
Proprietary blend of esters	Proprietary	100

SECTION 4: First aid measures

4.1 Description of first aid measures:

Inhalation:

Move to fresh air.
Treat symptomatically.
If symptoms persist, call a physician.

Eye Contact:

Immediately flush with water for 15 minutes or until irritation subsides.
If irritation persists, call a physician.

Skin Contact:

In case of skin contact, remove any contaminated clothing and wash skin with soap and water.

Ingestion:

Seek medical advice.

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

None Known.

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

After first aid, get appropriate in-plant, paramedic, or community medical support.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product.

Unsuitable extinguishing media:

Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

In the event of overheating in oven, carbon monoxide, carbon dioxide and noxious hydrochloric acid vapors may occur.

5.3 Advice for firefighters:

Wear an approved positive pressure self-contained breathing apparatus in addition to standard firefighting gear.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment.
Local authorities should be advised if significant spillages cannot be contained.

6.2 Environmental precautions:

Contain spill area.
Comply with local, state, and federal regulatory agency regulations on reporting releases.

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6.3 Methods and material for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections:

Reference to other sections (7, 8, 13).

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities.

7.2 Conditions for safe storage, including any incompatibilities

Store product at room temperature in a dry, well ventilated area.

Keep container closer when not in use.

7.3 Specific end use:

For the relevant identified uses listed in section 1, the advice given in section 7 should be taken into account.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Contains no substances with occupational exposure limit values.

8.2 Exposure controls:

Appropriate technical measures:

Ensure that the workplace is properly ventilated.

Personal protective equipment:

Hand protection:

Wear suitable gloves.

Eye protection:

Safety glasses to protect eyes against chemicals depending on the concentration and quantity of the substance.

Respiratory protection:

Respiratory protection is not required under conditions of normal use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	liquid
Colour:	colorless
Odour:	mild
Odour threshold value:	Not performed
Melting/freezing point:	< 3°F / < -16°C
Boiling point/boiling range:	> 626°F / > 330°C (760 mm Hg)
Upper explosion limit / Upper flammability limit:	Not applicable
Lower explosion limit / Lower flammability limit:	Not applicable
Flash point:	390°F / 199°C
Ignition temperature:	Not applicable
Self-ignition temperature:	Not applicable
Decomposition temperature:	Thermal stability not tested. Low stability hazard expected at normal operating temperatures.
pH:	Not applicable
Viscosity:	40 mPa.s (77°F / 25°C). Method: Brookfield rotational viscosity.
Solubility	
Solubility in water:	Negligible
Solubility in other solvents:	Not performed
Partition coefficient: n-octanol/water:	No data available

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Vapour pressure: Not applicable
Density: Not applicable
Bulk specific gravity: Not exported
Relative vapour density: Not performed

Particle characteristics

Particle size: Not performed

9.2 Other information

Explosives: Not applicable
Oxidising properties: Not applicable
Self-ignition: Not applicable
Evaporation rate: Not performed
Surface tension: Not performed
Sublimation point: Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity:

None reasonably foreseeable.

10.2 Chemical Stability:

Stable under normal operating conditions.

10.3 Potentially hazardous reactions:

No hazardous reactions if stored and handled as directed. No polymerisation.

10.4 Conditions to avoid

None when used as intended.

10.5 Chemically Interacting Materials:

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Carbon monoxide Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity :

Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation:

Not classified (Based on available data, the classification criteria are not met)

pH: not applicable

Serious eye damage / eye irritation:

Not classified (Based on available data, the classification criteria are not met)

Respiratory tract / skin sensitisation:

Not classified (Based on available data, the classification criteria are not met)

Mutagenicity in germ cells:

Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity:

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, and OSHA.

Toxicity for reproduction:

Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure):

Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure):

Not classified (Based on available data, the classification criteria are not met)

Danger by inhalation:

Not classified (Based on available data, the classification criteria are not met)

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Possible adverse effects on human health and symptoms:

Not classified (Based on available data, the classification criteria are not met)

11.2 Information on other hazards

Hormone-disrupting properties

Product:

Rating:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

Further information:

Product:

Comments:

No data available

SECTION 12: Ecological information

This material poses no harmful effects to the environment provided material is used as intended and disposed of properly. Material is inherently biodegradable.

12.1 Toxicity:

Ecology - general:

Not expected to present a significant hazard under anticipated normal conditions of use.

No experimental studies on the product are available.

The information given is based on our knowledge of the components and the classification of the product is determined by calculation.

Ecology - air:

The product does not contain any substances listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

Ecology - water:

Do not pour into groundwater, surface water or sewers.

12.2 Persistence and Degradability:

Persistence and degradability:

Not established.

Biodegradation:

Material is inherently biodegradable.

12.3 Bioaccumulation:

Log Pow:

Not determined

Bioaccumulative potential :

Not established.

12.4 Mobility in Soil:

Mobility in soil:

Not determined

Ecology - soil:

No information available on this product.

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Hormone-disrupting properties

Product:

Rating:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

12.7 Other Harmful Effects:

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Other adverse effects:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Additional information :

No other effects known. The product has not been tested. The statement is derived from the properties of the individual components.

SECTION 13: Instructions for disposal**13.1 Waste treatment methods:****Regional legislation (waste):**

Dispose of waste in accordance with local and/or national regulations.

Waste treatment methods:

Collect all waste in suitable and labelled containers and dispose of it according to local legislation.

Recommendations for waste water disposal:

Do not discharge into drains or the environment.

Recommendations for disposal of products / packaging:

Non-contaminated packaging may be re-used.

Packagings that cannot be cleaned should be disposed of in the same manner as their contents.

Empty containers should be disposed of for recycling, recovery or disposal in accordance with local regulations.

Additional information :

Treat uncleaned empty containers as full ones.

Empty containers should be disposed of for recycling, recovery or disposal in accordance with local regulations.

Ecology - waste:

Empty containers should be thoroughly rinsed with large amounts of clean water.

Avoid discharging into the environment.

SECTION 14: Information relating to carriage**14.1 UN number**

Not regulated as dangerous substance

14.2 Proper load name according to UN Model Regulations

Not regulated as dangerous substance

14.3 Transport hazard class(es)

Not regulated as dangerous substance

14.4 Packing group

Remarks : IMDG Code segregation group - none

Not regulated as dangerous substance

14.5 Environmental hazards

Not regulated as dangerous substance

14.6 Special precautions for the user

Comments:

The carriage of dangerous goods, including loading and unloading, must be carried out in accordance with regulations by personnel who have received the necessary training;

The shipping classification(s) given herein are for information only, and based solely on the properties of the unpackaged material as described in this MSDS. Transport classifications may vary in terms of mode of transport, package size and variations in regional resp. national regulations.

14.7 Sea transport in bulk according to IMO instruments

Not applicable for product as delivered.

SECTION 15: Legally required information**15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII):

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Not applicable

REACH - Candidate list of substances of very high concern for authorisation (Article 59):

Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:

Not applicable

Regulation (EE) 2019/1021 on persistent organic pollutants (recast):

Not applicable

Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals:

Not applicable

REACH - List of substances subject to authorisation (Annex XIV):

Not applicable

REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors.

The acquisition, introduction, possession or use of the explosives precursor by the general public is subject to a reporting requirement:

Not applicable

REGULATION (EU) 2019/1148 on the marketing and use of explosives precursors.

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts must be reported to the relevant national contact point. See

https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisis-and-terrorism/explosives/explosives-precursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf

Not applicable

Toxic chemical substances and precursor (intermediate) compounds of the International Chemical Weapons Convention (CWC):

Not applicable

Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors:

Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances:

Not applicable

Other regulations:

Regarding the composition of the product, we deliberately do not add any of the substances listed in European Directive 2011/65/EU (RoHS 2, RoHS 3 and China RoHS).

The product therefore complies with the aforementioned directives.

Also, no conflict minerals are intentionally added to the product.

FOOD & DRUG ADMINISTRATION (FDA):

This material has Generally Recognized as Safe (GRAS) status under specific FDA regulations.

Additional information is available from the Code of Federal Regulations (CFR) which is accessible on the FDA's website.

15.2 Chemical safety assessment:

Chemical safety assessments have not been carried out for substances in this mixture.

SECTION 16: Other information

Full text of the H statements

Not applicable

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AIIC -

Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body

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Weight; CLP - Classification, Labelling and Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardisation; DSL - List of Indoor Substances (Canada); ECHA - European Chemicals Agency; EC-Number - EINECS number; ECx - Concentration associated with x% response; ELx - Charge capacity associated with x% response; EmS - Emergency schedule; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - IMO International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half-Maximum Inhibitory Concentration; ICAO - International Civil Aviation Organisation; IECSC - Inventory List of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a test population; LD50 - Lethal dose for 50% of a test population (lethal dose median); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not otherwise specified; NO(A)EC - No observable (negative) effect on concentration; NO(A)EL - No observable (negative) effect on Level; NOELR - No observable effect on cargo capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development OECD; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Difficult to degrade, bioaccumulative and toxic substance; PICCS - Philippine Inventory of Chemicals and Chemicals; (Q)SAR - (Quantitative) Structure-Activity Relationships; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH); RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwanese Inventory of Chemical Substances; TECL - Inventory of Chemical Substances existing in Thailand; TRGS - Technical Regulation on Dangerous Substances; TSCA - Toxic Substances Control Act (US); UN - United Nations; vPvB - Very Hard to Degrade and Very Bioaccumulative

Further information

Training recommendations:
Provide good information, instruction and training for users.

The information in this safety data sheet is correct to the best of our knowledge at the date of issue indicated. This information is intended only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a guarantee or indication of quality. The information relates only to the product referred to herein and is not valid when used in conjunction with other products or in any other process, unless specified in the text.