

Safety Data Sheet

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

1.1 Product identifier

Trade name: Desiccant Clay

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

1.3 Application of the substance/the preparation:

Desiccant is for protection of metal components placed along with the action of moisture absorption or protect by the desiccating material within the pouch.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture Classification (in accordance with EC No 1272/2008 or 1999/45/EEC or 67/548/EEC)

No Relevant (Article)

Classification (in accordance with 1999/45/EC)

Not Relevant (Article)

2.2. Label elements (In accordance with EC No 1272/2008) Not Required

2.3. Other hazards

Combustible. The article does not contain any substance that is assessed to be a PBT and/or vPvB

SECTION 3: Composition/information on ingredients

3.1. Substances

Not relevant (Article)

Chemical Composition	Wt. %	CAS Number
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Gel	70%	1302-78-9
Calcium Chloride	30%	10043-52-4

3.2. Information According to Reach Article 33

Acc. the formulation no substances named in the ECHA "Candidate List of Substances of very high Concern for

Authorization" (last update June 2015) or listed in Annex XIV of the REACH regulation (substances for authorization, last amendment: 348/2013/EC) are used in the present article deliberately or knowingly.

3.3. Information on ingredient(s)

Desiccating and absorption materials mainly obtained from plant or plant extracts

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Move patient to fresh air, if symptoms persist consult a doctor.

After skin contact:

Wash with water and soap and rinse thoroughly. Contact a doctor if symptoms arise.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed No further relevant information available.

4.2 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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 fire fighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Use

personal protective equipment.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system

6.3 Methods and material for containment and cleaning up

Retrieve the product by mechanical means.

6.4 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.



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G.S.T. No. 24ANXPS8454NIZS **PAN NO.** ANXPS8454N

SECTION 7: Handling and Storage

7.1 Precautions for safe handling No special measures required.

Information about fire – and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Store away from oxidizing agents.

Further information about storage conditions: Store in a cool dry place. Keep away from heat and direct sunlight.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls. Personal protective equipment

General protective and hygienic measures: Observe good hygiene practices. Wash hands before breaks and at the end of work.

Respiratory protection: Not required under normal conditions of use.

Protection of hands: Not required

Eye protection: not required

Body protection: No special measures required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Sachets or Pouches
Color:	White Blue or Red
Odor:	No odor
Odor threshold:	No information
pH:	Not Applicable
Melting point / freezing point:	100°C
Boiling point, initial boiling point and boiling range:	No information
Flashpoint:	No information
Evaporation rate:	No information
Flammability (solid, gas):	No information
Upper/lower explosive limits:	No information
Vapor pressure:	No information
Vapor density:	No information
Specific gravity:	0.4
Solubility:	None
n-octanol/water partition coefficient:	No information
Auto-ignition temperature:	No information
Decomposition temperature:	300°C
Viscosity:	No information

SECTION 10: Stability and reactivity

10.1 Reactivity No data available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials Avoid strong oxidants, strong alkalis and strong acids.

10.6 Hazardous decomposition products No dangerous decomposition products known.

SECTION 11: Toxicological Information

LD/LC50 values:

Distillates Petroleum, Hydrotreated light

Oral	LD50	➤ 5000 mg/kg (Rat)
		➤ 2000 mg/kg (Rabbit)
Remark: Test results are based on analogy with similar material.		

LD/LC50 values:

Sodium Petroleum Sulphonate

Oral	LD50	6000 mg/kg (Rat)
		Remark: Test results are based on analogy with similar material.



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Primary irritant effect : Skin corrosion/irritation: No Irritation

Respiratory or skin sensitization: No sensitization

CMR effects (carcinogenetic, mutagen city and toxicity for reproduction):

Germ cell mutagen city: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological Information

12.1 Toxicity No further relevant information available

12.2 Persistence and degradability No further relevant information available.

12.3 Bio accumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Eco toxic effects: Remark: Toxic for fish

Additional environmental information:

Use according to the good working practice. Avoid transfer into the environment.

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground



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12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Wastes should be disposed of in accordance with local regulations.

Recommendation: Do not allow product to reach sewage system.

Un cleaned packaging: Recommendation: Disposal must be made according to official regulations. Packaging that may not be cleansed must be disposed of in the same manner as the product.

SECTION 14: Transport Information

14.1 UN Number ADR, ADN, IMDG, IATA Not applicable.

14.2 UN proper shipping name ADR, ADN, IMDG, IATA Not applicable.

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA Class Not applicable.

14.4 Packing group ADR, IMDG, IATA Not applicable.

14.5 Environmental hazards Marine pollutant: Not applicable.

14.6 Special precautions for user Not applicable.



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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory Information

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

Directive 2012/18/EU Named dangerous substances - ANNEX I None of the ingredients are listed.

Other regulations, limitations and prohibitive regulations Substances of very high concern (SVHC) according to REACH,

Article 57

Product does not contain any substances of very high concern (SVHC) according to Article 57 of Regulation N°1907/2006.

15.2 Chemical safety assessment :A Chemical Safety Assessment has not been carried out

SECTION 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. Relevant phrases

Abbreviations and acronyms:

RID: Reglement international concern ant le transport des marchandises dangerousness par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)ICAO: International



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Civil Aviation Organization 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 IATA: International Air Transport Association

GHS: Globally

Harmonized System of Classification and Labeling of Chemicals 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) LC50: Lethal concentration, 50 percent LD50: Lethal

dose, 50 percent Aquatic Acute 1:

Hazardous to the aquatic environment – Acute Hazard, Category 1 Aquatic Chronic 1:

Hazardous to the aquatic

environment – Chronic Hazard, Category 1 Aquatic Chronic 2: Hazardous to the aquatic

environment – Chronic Hazard,

Category 2

[Disclaimer]

This MSDS has been prepared based on our best knowledge regarding the product and safety/hazard information which can

be obtained at the time of the preparation, however, care should be made because contents may not be sufficient. In case

new findings become available, descriptions in this MSDS can be updated as appropriate without prior notice. Please consider

that precautions in this MSDS only cover normal handling conditions and additional safety measures should be taken for

special situation which are suitable for your own usage or purposes.