

SAFETY DATA SHEET

Clean Mud

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Product Technology
Jul. 02, 2021

NB2021061816



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: Clean Mud

Model No.: AYT-CM-1

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

Use of the substance/mixture: Cleaning.

1.3 Details of the supplier of the safety data sheet

Company name: Ningbo Haishu Aite Housewares Co., Ltd

Contact person: Saier Kong

Address: No.288-2 JiShiDong Road.JiShiGang Town HaiShu District Ningbo 315171

Telephone number: +86-15267825174

E-mail address: sales1@nbaiyite.cn

1.4 Emergency telephone number:

+86-15267825174

Other information: /

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and globally harmonized system of classification and labelling of chemicals(GHS)

Physical hazards

Not Classified

Health hazards

Not Classified

2.2 Label Elements

Hazard Pictogram(s): None.

Signal Word: None.

Hazard Statements

No information available.

Precautionary statements

No information available.

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2.3 Other hazards

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight (%)	CAS No.	GHS
Water	81.77	7732-18-5	Not Classified
Glycerin	11.00	56-81-5	Not Classified
Guar gum	7.00	9000-30-0	Not Classified
Dimethyloldimethyl hydantoin	0.1	6440-58-0	Acute Tox. 4, H302
Disodium tetraborate, anhydrous	0.08	1303-96-4	Repr. 1B, H360FD Eye Irrit. 2, H319
C.I. Disperse Yellow 71	0.03	12223-92-6	Not Classified
Boric acid	0.01	10043-35-3	Repr. 1B, H360FD
Perfume	0.01	--	--

Full text of H-Statements: see section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact Immediately rinse open eyes with running water for at least 15 minutes. Obtain medical attention.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.

Ingestion Do not induce vomiting without medical advice. Clean mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.

Inhalation If breathed in, move person into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical aid immediately if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

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Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Dry chemical. Chemical foam.

Extinguishing media which shall not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Ensure adequate ventilation, Avoid dust formation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors, mist, gas or dust.

6.1.2 For emergency responders

Use suitable protective equipment for personal protection.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Keep away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

Sweep up, vacuum and collect in suitable, closed containers for recovery or disposal.

6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation. Wear personal protective equipment. Avoid direct physical contact. Do not breathe dust. Do not breathe vapors or spray mist. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke while handling. Keep far away from flammable materials and heat source. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage. The storage area should be equipped with a leak emergency treatment equipment and suitable shelter materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure limit values

Component	ACGIH TLV	OSHA PEL	NIOSH
Glycerin (56-81-5)	TWA: 10 mg/m ³ (mist)	TWA: 15 mg/m ³ (total) TWA: 5 mg/m ³ (resp)	No data available
Disodium tetraborate, anhydrous (1303-96-4)	TWA: 2 mg/m ³ STEL: 6 mg/m ³	TWA: 10 mg/m ³	TWA: 5 mg/m ³

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

8.2 Exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

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Individual protection measures

Eye protection	Safety glasses with side-shields
Hand protection	Protective gloves
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Gel.
Appearance	: Yellow.
Odor	: Not provided.
Odor Threshold	: Not provided.
pH	: Not provided.
Melting point/freezing point	: Not provided.
Initial boiling point and boiling range	: Not provided.
Flash point	: Not provided.
Evaporation rate	: Not provided.
Upper/lower explosive limits	: Not provided.
Vapour pressure/ density	: Not provided.
Relative density	: Not provided.
Solubility(ies)	: Not provided.
Partition coefficient: n-octanol / water	: Not provided.
Auto-ignition temperature	: Not provided.
Decomposition temperature	: Not provided.
Viscosity	: Not provided.

9.2 Other information

Not provided.

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10. STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous polymerization does not occur.

10.2 Chemical stability

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Incompatible products.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(a) acute Toxicity

Toxicology data for the components

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerin (56-81-5)	4,090 mg/kg (Mouse)	10,000 mg/kg (Rabbit)	>570 mg/m ³ 1h (Rat)
Disodium tetraborate, anhydrous (1303-96-4)	4,500 - 5,000 mg/kg (Rat)	10,000 mg/kg (Rabbit)	2.03 mg/L (Rat)
Dimethyloldimethyl hydantoin (6440-58-0)	1,572mg/kg (Rat)	No date available	No date available
Guar gum (9000-30-0)	6,770 mg/kg (rat)	No date available	No date available
Orthoboric acid (10043-35-3)	2,660mg/kg (Rat)	No data available	No data available

(b) skin corrosion/irritation No information available.

(c) serious eye damage/irritation No information available.

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(d) respiratory or skin sensitisation

Respiratory

No information available.

Skin

No information available.

(e) germ cell mutagenicity

No information available.

(f) carcinogenicity

No information available.

(g) reproductive toxicity

No information available.

(h) STOT-single exposure

No information available.

(i) STOT-repeated exposure

No information available.

Target Organs

No information available.

(j) aspiration hazard

No information available.

Other Adverse Effects

The toxicological properties have not been fully investigated.

Endocrine Disruptor Information

None known.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects

Do not empty into drains. The product contains following substance(s) which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Glycerin (56-81-5)	No data available	LC50: 51 - 57 mL/L 96h (Oncorhynchus mykiss)	No data available	EC50: > 500mg/L 24h (Daphnia magna)
Disodium tetraborate, anhydrous (1303-96-4)	EC50:158 mg/L 96h (Desmodesmus subspicatus)	LC50: 178 mg/L 72h (Carassius auratus)	No data available	EC50:1,085 - 1,402 mg/L 48h (Daphnia magna)
Guar gum (9000-30-0)	No data available	218 mg/L 96 h (Oncorhynchus mykiss)	No data available	No data available
Orthoboric acid (10043-35-3)	No data available	LC50: 279 mg/L 96h (Ptychocheilus lucius -)	No data available	EC50: 133mg/L 48h (Daphnia magna)

12.2 Persistence and degradability No information available.

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12.3 Bioaccumulative potential

Component	log Pow	Bioconcentration factor (BCF)
Glycerin (56-81-5)	-1.76	No data available
Disodium tetraborate, anhydrous (1303-96-4)	- 0.757	≤4

12.4 Mobility in soil No information available.

12.5 Results of PBT and vPvB assessment No data available for assessment.

12.6 Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues / Unused Products Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.

Contaminated Packaging Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

14. TRANSPORT INFORMATION

IMDG/IMO Not regulated.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

ADR/RID Not regulated.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

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**14.4. Packing group**

ICAO/IATA

Not regulated.

14.1. UN number**14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards**

No hazards identified.

14.6. Special precautions for user

No special precautions required.

14.7 Transport in bulk according to Annex

Not applicable, packaged goods.

II of Marpol73/78 and the IBC Code**15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****International Inventories**

X = listed

Component	EINECS	NZIoC	TSCA	DSL	NDSL	PICCS	IECSC	AICS	KECI
Water	X	X	X	-	X	X	X	X	X
Glycerin	X	X	X	-	X	X	X	X	X
Guar gum	X	X	X	-	X	X	X	X	X
Disodium tetraborate, anhydrous	X	X	X	-	X	X	X	X	X
Dimethyloldimethyl hydantoin	X	X	X	-	X	X	X	X	X
Boric acid	X	X	X	-	X	X	X	X	X
C.I. Disperse Yellow 71	X	X	X	-	X	X	X	X	X

United States - Federal Regulations**SARA Title III - Section 302 Extremely Hazardous Chemicals:**

The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations.

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SARA Title III - Section 313 Toxic Chemicals:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ):

The components in this product are either not CERCLA regulated, regulated but present in negligible concentrations, or regulated with no assigned reportable quantity.

Legend

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- EINECS - European Inventory of Existing Commercial Chemical Substances
- NZIoC - New Zealand Inventory of Chemicals
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- AICS - Australian Inventory of Chemical Substances
- KECI - Korea Existing Chemicals Inventory

15.2. Chemical safety assessment

No information available.

16. OTHER INFORMATION

Full Text of H-Statements Referred to Under Section 3

- H302 - Harmful if swallowed.
- H319 - Causes serious eye irritation.
- H360FD - May damage fertility. May damage the unborn child.

This SDS is in accordance with Regulation 2012 OSHA Hazard Communication Standard(29 CFR 1910.1200) and globally harmonized system of classification and labelling of chemicals(GHS).

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