

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**1.1 Product Identifiers**

Product name: YW601H

1.2 Relevant Product Uses

Identified uses: Antifoam for white water in papermaking.

1.3 Details of the Supplier

Company: SHANDONG YUANWANG IMPORT & EXPORT CO.,LTD.

Address: Hanyu Finance Valley, No. 7000 Jingshi Road, Jinan, Shandong, China

Website: www.wotaichem.com

E-mail: info@wotaichem.com

SECTION 2: HAZARD IDENTIFICATION**2.1 Hazard classification**

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Hazard pictograms: No Symbol

Signal Word: None

Hazard statements: None

Precautionary statements: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Chemical nature: Fatty Alcohol Antifoam

Components

Chemical name	Common Name	CAS-No.	Concentration (% w/w)
Antifoam	-	63148-62-95	-

SECTION 4: FIRST AID MEASURES**4.1 Description of First Aid Measures****General Advice**

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

If Inhaled

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

In Case of Skin Contact

Wash with water and soap as a precaution. Get medical attention if symptoms occur.

In Case of Eye Contact

Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

If Swallowed

If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see Section 2.2) and Section 11.

SECTION 5: FIREFIGHTING MEASURES**5.1 Suitable extinguishing media:**

Water spray Alcohol-resistant foam Carbon dioxide (CO₂)

5.2 Unsuitable extinguishing media:

None known

5.3 Specific hazards during fire-fighting:

Exposure to combustion products may be a hazard to health. Applying foam will release significant amounts of hydrogen gas that can be trapped under the foam blanket.

5.4 Hazardous combustion products:

Carbon Oxide

Specific extinguishing methods:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Use water spray to cool unopened containers.

Do not allow extinguishing medium to contact container contents. Most fire extinguishing media will cause hydrogen evolution, and once the fire is put out, may accumulate in poorly ventilated or confined areas and result in flash fire or explosion if ignited.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Remove undamaged containers from fire area if it is safe to do so.

Evacuate area.

5.5 Special protective equipment for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Use personal protective equipment

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment, and emergency procedures**

Use personal protective equipment. Use personal protective equipment. Avoid contact with skin, eyes, clothing, and breathing vapors. Ensure adequate ventilation. For personal protection see Section 8.

6.2 Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, clean up remaining materials from spill with suitable absorbent.

6.4 Reference to other Sections

For contact information in case of emergency, see Section 1.

For information on safe handling, see Section 7.

For exposure controls and personal protection measures, see Section 8.

For subsequent waste disposal, follow the recommendations in Section 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a dry and cool place.

Temperature allowed during storage: 10 °C/50 °F and 30 °C/86 °F.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Component	Regulation	Type of listing	Value/Notation
No data	No data	No data	No data

8.2 Exposure Controls**Engineering controls**

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Personal protective equipment (PPE)**Eye/face protection**

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Hand protection: Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Examples of preferred glove barrier materials include: Butyl rubber. Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. Examples of acceptable glove barrier materials include: Natural rubber ("latex"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Body protection

Wear clean, body-covering clothing.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control to environmental exposure

Avoid release to the environment.

Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Appearance**

Physical state	Liquid
Color	White or yellowish
Odor	Mild smell

9.2 Safety parameters

Property	Value
pH	6.0-8.0
Melting point/range	Greater than 32 °F/0 °C
Freezing point	Less than 32 °F/0 °C
Boiling point (760 mmHg)	No data available
Flash point	Greater than 212 °F/100 °C
Evaporation Rate (Butyl Acetate = 1)	No data available
Viscosity	No data available
Lower explosion limit (LEL)	No data available
Upper explosion limit (UEL)	No data available
Vapor pressure	No data available
Ignition temperature	No data available
Relative Density	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Explosive properties	No data available
Oxidizing properties	Not an oxidizer

NOTE: The physical data presented above are typical values and should not be construed as a specification.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not classified as a reactivity hazard.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Can react with strong oxidizing agents.

Conditions to avoid:	None known.
Incompatible materials:	Avoid strong acids, alkali and strong oxidizing compounds.
Hazardous decomposition products:	Carbon Oxides.
In the event of fire see Section 5.	

SECTION 11: TOXICOLOGY INFORMATION**11.1 Acute toxicity****Acute oral toxicity**

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product: Single dose oral LD50 has not been determined.

Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Acute inhalation toxicity

Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material or mist may cause respiratory irritation.

As product: The LC50 has not been determined.

11.2 Skin corrosion/irritation

Brief contact is essentially nonirritating to skin.

11.3 Serious eye damage/eye irritation

May cause slight temporary eye irritation.

Corneal injury is unlikely.

May cause mild eye discomfort.

11.4 Skin and Respiratory Sensitization

For the major component(s):

For skin allergies:

No relevant data found.

For respiratory sensitization:

No relevant data found.

11.5 Specific Target Organ Systemic Toxicity (Single Exposure)

For this endpoint no toxicological test data is available for the whole product.

11.6 Specific Target Organ Systemic Toxicity (Repeated Exposure)

For this endpoint no toxicological test data is available for the whole product.

11.7 Carcinogenicity

For this endpoint no toxicological test data is available for the whole product.

11.8 Teratogenicity

For the major component(s): Did not cause birth defects or any other fetal effects in laboratory animals.

11.9 Reproductive toxicity

For this endpoint no toxicological test data is available for the whole product.

11.10 Mutagenicity

For this endpoint no toxicological test data is available for the whole product.

11.11 Aspiration Hazard

Based on physical properties, not likely to be an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No relevant data found.

12.2 Persistence and degradability

No relevant data found.

12.3 Bio-accumulative potential

No relevant data found.

12.4 Mobility in soil

No relevant data found.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/conducted.

12.6 Other adverse effects

This product can be harmful to aquatic life. Do not rinse down drains or release into the environment.
Report all significant spills and leaks to the proper authorities.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Product disposal

Dispose product according to local and national regulations. Contact a licensed professional waste disposal service to dispose of this material. Dispose product according to local and national regulations.

13.2 Packaging disposal

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

UNRTDG:	Not regulated for transport
IMDG-Code:	Not regulated for transport
IATA-DGR:	Not regulated for transport
Packaging method:	Bulk, non-returnable totes, drums, metal bucket with plastic liner, or IBC
Special requirements:	Handle with care and avoid exposure to rain

SECTION 15: REGULATORY INFORMATION

National Standard of the People's Republic of China

Provisions of the Regulations for the Safe Handling of Chemical in the Workplace General Rule for Classification and Hazard Communication of Chemical (GB13690-2009).

California Proposition 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Other requirements in domestic and other countries

The components of this product are reported in the following inventories:

No data

SECTION 16: OTHER INFORMATION

Hazard Rating System

HMIS

Health	1
Flammability	1
Physical Hazard	0
Reactivity	0

NFPA

Health	1
Flammability	1
Reactivity	0

Information Source and References

This SDS is prepared by R&D Center from information supplied by internal references within our company.

Disclaimer: YUANWANG Company urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided 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 between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.