



SAFETY DATA SHEET

Revised: 15/03/ 2018

PRODUCTION NAME: YCK-2180

SECTION 1. Chemical Product/Company Identification

Material Identification: YCK -2180

Company Identification: YCK Chemical

Chemical Name: Wetting and Dispersing Additive

NO.9088 Hutai Road & No.9 West
Chenchuan Road, Shanghai

CTFA Name: None

Tel:0086-21-66873008

SECTION 2. Hazards Identification

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. Composition/Information On Hazardous Ingredients

Substance/Mixture: Mixture.

Chemical nature:

Interpolymer block solution with pigmentophilicity groups.

Hazardous components:

No hazardous ingredients.

SECTION 4. First Aid Measures

If Inhaled: Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.



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In case of skin contact:

Remove contaminated clothing. Wash thoroughly with soap and water.

In case of eye contact:

Immediately flush with plenty of water for at least 20 minutes. Get medical aid.

If swallowed:

Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid.

Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

No information available.

SECTION 5. Fire Fighting Measures

Suitable extinguishing media:

Foam.
Carbon dioxide(CO₂).
Dry chemical.

Unsuitable extinguishing media: No information available.

Specific hazards during firefighting:

Cool closed containers exposed to fire with water spray.
Will not explode on mechanical impact.

Hazardous combustion products:

Carbon oxides.
Nitrogen oxides(NO_x).

Further information:

Keep away from heat and sources of ignition.
Keep away from oxidizing agents.

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.



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SECTION 6. Accidental Release Measures

Personal precautions, protective

equipment and emergency procedures:

Eliminate all sources of ignition. Ventilate area if indoors.
Wear self-contained breathing apparatus and full protective clothing.

Environmental precautions:

Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
Stop leak. Dike and contain spill.

Methods and materials for containment and cleaning up:

Pump into salvage tanks and /or absorb with suitable material.
Use spark less shovels to remove material.

SECTION 7. Handling and storage

Advice on safe handling:

Avoid contact with skin and eyes.
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Handle as an industrial chemical.
Keep container tightly closed.

Conditions for safe storage:

Keep in a dry, cool and well-ventilated place.
Keep product and empty container away from heat and sources of ignition.
Take measures to prevent the build up of electrostatic charge.

Materials to avoid:

Keep away from oxidizing agents.
Keep away from metals.

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures:

Use with local exhaust ventilation.

Personal protective equipment

Eyes protection:

Safety Glasses.
Goggles.



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<u>Hand protection:</u>	Nitrile rubber.
<u>Skin and body protection:</u>	Chose body protection according to the amount and concentration of the dangerous substance at the work place.
<u>Respiratory protection:</u>	Not necessary.
<u>Hygiene measure:</u>	Clean long legged, long sleeved work clothes. Handle in accordance with good industrial hygiene and safety practice.

<u>SECTION 9. Physical And Chemical Properties</u>			
<u>Physical form:</u>	Liquid	<u>Viscosity:</u>	No data available
<u>Colour:</u>	Pale yellow	<u>Flashing Point:</u>	100°C
<u>Odour:</u>	mild	<u>Boiling Point:</u>	220°C
<u>Specific Gravity @ 25 °C :</u>	No data available	<u>Vapour Pressure @ 20 °C</u>	24.0 hPa
<u>Solubility in Water:</u>	Complete miscible	<u>pH:</u>	Not applicable
<u>Solubility in other solvents:</u>	No data available	<u>Density:</u>	1.0700g/cm ³

<u>SECTION 10. Stability And Reactivity</u>	
<u>Conditions to avoid:</u>	None known.
<u>Reactivity:</u>	Not classified as a reactivity hazard.
<u>Hazardous decomposition products:</u>	None known.
<u>Chemical stability:</u>	Stable; polymerization will not occur.
<u>Incompatible materials:</u>	Strong oxidizing agents.

<u>SECTION 11. Toxicological Information</u>	
<u>Acute oral toxicity(Product):</u>	Remarks: No data available.
<u>Skin contact(Product):</u>	Symptoms: Contact may cause irritation.



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<u>Eye contact (Product):</u>	Symptoms: Contact may cause irritation.
<u>Inhalation (Product):</u>	Symptoms: None expected.
<u>Ingestion(Product):</u>	Symptoms: Ingestion may irritate the digestive tract.

SECTION 12. Ecological Information

Ecotoxicity

Product: Toxicity to fish: Remarks: No data available.

Persistence and degradability

Product: Biodegradability: Remarks: No data available.

Bioaccumulative potential

Product: Bioaccumulation: Remarks: No data available.

Mobility in soil:

No data available.

Additional ecological information(Product):

No data available.

SECTION 13. Disposal Considerations

Disposal methods EPA Hazardous Waste Code(s): Not applicable.

Waste from residues: Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

SECTION 14. Transportation Information

International regulations



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IATA-DGR

Not regulated as a dangerous good.

IMDG-Code

Not regulated as a dangerous good.

49 CFR

Not regulated as a dangerous good.

SECTION 15. Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know Act

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 - Emergency Release Notification

Calculated RQ exceeds reasonably attainable upper limit.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302

Extremely Hazardous Substance (40 CFR 355, Appendix A)

Calculated RQ exceeds reasonably attainable upper limit.

SARA311/312Hazards:

Per the June 13, 2016 Federal Register notice, EPA harmonized the EPCRA 311/312 hazard categories with the 2012 OSHA hazard communication standard for classifying and labeling of chemicals (i.e. GHS). Please refer to Section 2 of the SDS to identify the appropriate hazard categories for reporting purposes.

SARA 302:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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 .



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SECTION 16. Other Information

This data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.