



Material Safety Data Sheet

XHG-248

Date of first issue: 05/20/2014

Revision Date: 07/05/2017

Version: 2.0

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name:	XHG-248 Polyether-modified trisiloxane
Company details:	
Supplier:	Hangzhou Top Win Technology Development Co.Ltd. (86)571-64110920
Address:	NO. 10, Fenghe Road, Xiaya town, Jiande City, Zhejiang Province
Emergence telephone number:	(86)571-64110920
Recommended use and limited use:	Surfactant Agricultural adjuvant Coat and ink additive

2. HAZARDS IDENTIFICATION

Health hazards	May be harmful if swallowed. May be harmful in contact with skin. Harmful by inhalation. Mild irritation to eyes.
GHS Classification:	Not a hazardous substance or mixture.
GHS Label element:	Not a hazardous substance or mixture
Hazard Statements	Harmful if inhaled. Causes mild eye irritation.
Precautionary Statements	
Prevention	Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapors and spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
Response	If inhalation: Remove person to fresh air and keep comfortable for breathing. if required, call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

3. COMPOSITION / INFORMATION ON INGREDIENTS



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Substance/Mixture Component:	Mixture CAS No.	% (w/w)
3-(Polyoxyethylene)propylheptamethyl trisiloxane	67674-67-3	60-90
Allyloxypolyethyleneglycol	27274-31-3	10-30

4. FIRST AID MEASURES

General advice:	When symptoms persist or in all cases of doubt seek medical advice.
Inhalation:	Ensure supply of fresh air. In the event of symptoms take medical treatment.
Skin contact:	Wash off promptly and flush contaminated skin with water.
Eyes contact	Flush eyes for several minutes or more, if irritation persists, seek medical advice.
Ingestion:	Seek medical advice immediately.
Note to physicians:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Hazardous combustion products:	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.
Extinguishing media:	Alcohol-resistant foam; Carbon dioxide (CO ₂); Water mist.
Unsuitable extinguishing media:	Water jet
Special fire fighting	Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Fire fighting procedures and equipment:	Self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.
Environmental precautions:	Prevent from spreading or entering into drains,



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Methods for cleaning up: ditches or rivers by using sand, earth or other appropriate barriers. Take up with absorbent material (eg sand, universal binder). Dispose of absorbed material in accordance with the regulations.

7. HANDLING AND STORAGE

Handling precautions: Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Storage conditions: Keep container closed and away from heat, sparks, and flame. Store in a well-ventilated place below 40°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures Provide eyewash station and safety shower. General room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment. Provide adequate ventilation if fumes or vapors are generated.

General protective measures: Avoid contact with eyes and skin. Do not inhale aerosols.

Hygiene measures Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Respiratory protection: Use self-contained breathing apparatus.

Hand protection: PVC gloves.

Eye protection: Use chemical worker's goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid
Color: Yellow
Odor: Characteristic odor
pH:. Not determined



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Melting point/freezing point;	Not determined
Initial boiling point and boiling range	Not determined
Flash Point:	78°C (Pensky-Martens Closed Cup)
Evaporation rate	Not determined
Flammability (solid, gas);	Not determined
Upper/lower flammability or Explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Specific gravity	1.02g/ml(25°C)
Solubility in water	Dispersable
Partition coefficient (n-octanol/water)	Not determined
Autoignition temperature:	Not determined.
Decomposition temperature	Not determined
Viscosity	25-50cs(25°C)
Explosive properties:	Not determined
Oxidising properties	Not determined
Other physical propties	Not determined

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical stability:	No hazardous reactions with proper storage and handling.
Possibility of hazardous reactions	Exposure to moisture.
Conditions to avoid	Unknown
Incompatible materials	Unknown
Hazardous decomposition products	None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Route of exposure:	Eye contact, Inhalation, skin contact and accidental ingestion.
Health hazard information:	No known applicable information.

12. ECOLOGICAL INFORMATION



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Environmental effects:	No known applicable information.
Mobility in Soil:	No known applicable information.
Persistence and degradability	No known applicable information.
Bioaccumulation:	No known applicable information.
Ecological notes:	Use best management practices to limit controlled release to waterways.

13. DISPOSAL CONSIDERATIONS

Product disposal:	Dispose of in accordance with local regulations.
Packaging disposal:	If empty containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION

Road and Rail Transport:	Not regulated as a dangerous good
Sea Transport (IMDG):	Not regulated as a dangerous good
Air Transport (IATA):	Not regulated as a dangerous good.

15. REGULATORY INFORMATION

Applicable Laws:

Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace.
General rule for classification and hazard communication of chemicals

Chemical Inventories

Australia Inventory of Chemical Substances (AICS) : Y(positive listing)
Canada DSL Inventory: Y(positive listing)
Canada NDSL Inventory: N(negative listing)
China Inventory of Existing Chemical Substances : Y(positive listing)
EINECS: Y(positive listing): Y(positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS): Y(positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS):Y(positive listing)
Korea Existing Chemicals Inventory (KECI): Y(positive listing)
New Zealand Inventory of Chemicals: Y(positive listing)
TSCA: Y(positive listing): Y(positive listing)

16: Other information

Contact Point:



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Prepared by:

Revision data: 2017-07-05

This information is offered in good faith as typical values and not as a product specification. No warranty, 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.