

SAFETY DATA SHEET


HCT Safety Data Sheet according to Globally Harmonized System of Classification and Labeling of Chemicals (GHS), seventh revised edition of the GHS, published in 2017.

Revision Date: 25.04.2022

Revision: 1.5

Products: Soluwet100

1. Chemical Product and Company Identification	
Product Name	Soluwet100
Product Family	Nonionic surfactant
Supplier	Hanwha chemical Thailand Co., Ltd 377 Moo 17 Bangna-Trad Rd., Bangsaotong, Bangsaotong, Samutprakarn, 10570, TEL 66-2-315-3204~7
Emergency Information	asrm@hanwhath.com , TEL +66-2-315-3204~7

2. Hazards Identification	
Symbol	
Classification	Skin corrosion/irritation: Category 2
Signal Word	Warning
Hazard Statement	H315 Causes skin irritation
Precautionary Statement	P264 Wash hands/skin thoroughly after handling P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

3. Composition, Information on Ingredients		
Component	CAS #	wt%
Polyoxyalkylene glycol	9003-11-6	100%

4. First Aid Measures	
Eye	Wash well-open eyes immediately, abundantly and thoroughly with water. Consult an ophthalmologist quickly.

SAFETY DATA SHEET

Skin	Immediately wash skin with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash contaminated clothing and shoes before reuse.
Ingestion	Drink warm water and induce vomiting by touching back of throat with finger and/or administering syrup of ipecac.
Inhalation	Remove to fresh air. Oxygen or artificial respiration if needed. Consult a doctor.
Notes to Physician	Not necessary

5. Fire Fighting Measures	
Extinguishing Media	Dry powder, Foam, Water spray
Unsuitable Extinguishing Media	All other extinguishing
Decomposition Hazardous Gases	Possible thermal decomposition at above 200 °C Could be formed irritant gases
Fire Fighting Instruction	Respirator, Wear self-contained breathing apparatus

6. Accidental Release Measures	
Personal Precautions	Avoid contact with skin, eyes and inhalation of dust
Environmental Precautions	Not necessary
Methods for Clearing Recovery Disposal	Shovel up Destroy the product by incineration

7. Handling and Storage	
Handling	Storage and handling precautions applicable to products. Provide appropriate exhaust and ventilation at machinery. Provide appropriate device to allow for rinse eyes. Wear a mask, goggle and gloves.
Storage	Keep containers closed and upright to prevent leakage. Store in a cool, well ventilated area away from heat, sources of ignition, direct sunlight and moisture. Keep from Children

8. Exposure Controls & Personal Protection	
Exposure Limit	Not applicable

SAFETY DATA SHEET

Engineering Controls	Provide general clean air dilution or local exhaust ventilation in volume and pattern to prevent air contaminant concentration build-up
Protection	Eye: Wear safety glasses Skin: Wear appropriate protective gloves Respiratory: Avoid breathing dust. If exposed to dust, wear an appropriate, properly fitted respirator

9. Physical & Chemical Properties

Physical state	Solid
Color	Clear
Odor	Faint
pH	5.0 ~7.5 (1% aq. Soln)
Melting Point(°C)	50 °C
Boiling Point(°C)	Not applicable
Flash Point(°C)	>200 °C
Evaporation Rate	Not applicable
Flammability	Not applicable
Explosive Limit	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Relative Density(g/cc)	Not applicable
Bulk Density(g/cc)	Not applicable
Solubility	Water, Alcohols, Acetone, Chloroform, Diethyl ether Soluble.
Partition Coefficient	Not applicable
Auto-ignition temp(°C)	Not applicable
Decomposition Temp(°C)	Not applicable
Viscosity(cps)	Not applicable
Molecular weight	8,500

10. Stability & Reactivity

Possibility of Hazardous Reaction	None under normal conditions
Conditions to avoid	Store protected from moisture and heat
Materials to avoid	Oxidants, strong acids and strong bases

SAFETY DATA SHEET

Hazardous decomposition products	Carbon dioxides, Hydrocarbons
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11. Toxicological Information

Information on the likely routes of exposure	No data available
Symptoms related to the physical, chemical and toxicological characteristics	No data available
Delayed and immediate effects and also chronic effects from short- and long-term exposure	No data available
Numerical measures of toxicity	No data available

12. Ecological Information

Ecotoxicity (aquatic and terrestrial, where available)	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

13. Disposal Information

Dispose of in accordance with local, state or national regulations.
 Do not incinerate closed containers.
 Incinerate in approved facility.

14. Transport Information

UN number	Not Classified
UN Proper shipping name	Not applicable
Transport Hazard class	Not Classified as a dangerous good
Packing group, if applicable	Not applicable
Marine pollutant	Not Classified as a dangerous good
Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises	Not applicable

SAFETY DATA SHEET

15. Regulatory Information

Safety, health and environmental regulations : Not applicable

16. Other Reference

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- This SDS has been issued by Hanwha Chemical Thailand Co., Ltd. complied with Globally Harmonized System of Classification and Labeling of Chemicals (GHS), seventh revised edition of the GHS, published in 2017.
- This SDS has been issued only to help the purchasers, agencies or the third parties who's needed to handle the material with safety, therefore, there should be no regal and technical responsibility if it applies to the special purpose and using with the other materials, commercial application or expression.
- The purchasers and agencies must have the responsibilities for the observance and compliance of the relevant regulations of each government because the specifications of this SDS cannot be available in accordance with the provisions of each nation or area.