

# Safety Data Sheet (SDS)

## ABLUSOFT ACSK-P



SDS Revision Date: 03/28/2018

Version: 1.01

Group Code: ----

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product Identity** ABLUSOFT ACSK-P

**Alternate Names** ABLUSOFT ACSK

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

**Intended use** Industrial use, Textile auxiliary

**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** Taiwan Surfactant Corp.

**Head office:**

8 Fl., No. 11, Sec. 1,  
Chung Shan North Road, Taipei, Taiwan

**Factory:**

No. 514, Cheng-Kung Road, Sec. 1,  
Kwang-Inn Industrial Area, Taoyuan City, Taiwan

**Emergency Telephone Number:** 886-2-2541 0022

(Monday - Friday 8:30 a.m - 5:00 p.m.)

**Customer Service:** Taiwan Surfactant Corp. 886-2-25410022 Fax: 886-2-2542 3773

### 2. Hazard identification of the product

#### 2.1. Classification of the substance or mixture

**Classified according to GHS, 5th revised edition, Annex 4**

Skin corrosion/irritation category 2;H315

Serious eye damage / eye irritation, category 1;H318

Single target organ toxicity, single exposure category 3;H335

## 2.2. Label elements



### Signal Word: Danger

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

#### [Prevention]:

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P321 Specific treatment (see information on this label).

P332+313 If skin irritation occurs: Get medical advice / attention.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P362 Take off contaminated clothing and wash before reuse.

#### [Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

#### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

See Technical Data Sheet.

## 2.3. Other hazards

This product contains no PBT/vPvB chemicals.

### 3. Composition/information on ingredients

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS] (as amended by (EU) 2015/830), they are listed below.

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification*	Notes
Proprietary 1 CAS Number: EC No. Index No.:	75 - 100	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 2;H319 Single target organ toxicity, single exposure category 3;H335	[1]
Proprietary 2 CAS Number: EC No. Index No.:	10 - 25	Acute toxicity(oral), category 4;H302 Serious eye damage / eye irritation, category 1;H318 Aquatic toxicity (acute), category 1;H400	[1]

<sup>^CLP 31</sup> Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eye</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Overview</b>	No specific symptom data available. See section 2 for further details.
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<b>Eye</b>	Causes serious eye damage.
<b>Skin</b>	Causes skin irritation.
<b>Ingestion</b>	May be harmful if swallowed. (Not adopted by EU CLP)

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon Dioxide, Carbon Monoxide

Avoid breathing dust / fume / gas / mist / vapors / spray.

### 5.3. Advice for fire-fighters

None

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Small Spill: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

Large Spill: Flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams. Dike for late disposal.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Store in cool, dry ventilated area. Avoid excessive heat. Always keep containers tightly closed when not in use.

Incompatible materials: Strong oxidizing agents

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
	Proprietary 2	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
	Proprietary 1	OSHA	
		ACGIH	
		NIOSH	
		Supplier	

8.2. Exposure controls

Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
Skin	Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

<b>Appearance</b>	Pale Yellow Flakes
<b>Odor</b>	
<b>Odor threshold</b>	Not determined
<b>pH</b>	3-4(1%)
<b>Melting point / freezing point (°C)</b>	60-64°C
<b>Initial boiling point and boiling range (°C)</b>	Not Measured
<b>Flash Point</b>	>85°C
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	Not Measured
<b>Solubility in Water</b>	Dispersing in water
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature (°C)</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>BOD/COD (g/L)</b>	2584 / 2248

## 9.2. Other information

No other relevant information.

# 10. Stability and reactivity

## 10.1. Reactivity

Hazardous Polymerization will not occur.

## 10.2. Chemical stability

Stable under normal circumstances.

## 10.3. Possibility of hazardous reactions

No data available.

## 10.4. Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

## 10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Carbon Dioxide, Carbon Monoxide

11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Proprietary 2	No data available	No data available	No data available	No data available	No data available
Proprietary 1	No data available	No data available	No data available	No data available	No data available
Product Summary (Values from experiment and/or derived from EU CLP, etc.)	> 2,000, Derived	No data available	No data available	No data available	No data available

Carcinogen Data

CAS No.	Ingredient	Source	Value
	Proprietary 2	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
	Proprietary 1	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	5	May be harmful if swallowed. (Not adopted by EU CLP)
Acute toxicity (dermal)	---	Not Classified
Acute toxicity (inhalation)	---	Not Classified
Skin corrosion/irritation	2	Causes skin irritation.

Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Classified
Skin sensitization	---	Not Classified
Germ cell mutagenicity	---	Not Classified
Carcinogenicity	---	Not Classified
Reproductive toxicity	---	Not Classified
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	---	Not Classified
Aspiration hazard	---	Not Classified

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l	Biodegradability %
Proprietary 2	Not Available	Not Available	Not Available	Not Available
Proprietary 1	Not Available	Not Available	Not Available	Not Available
Product Summary (Values from experiment and/or derived from EU CLP, etc.)	> 100, Derived	Not Available	Not Available	> 70, Derived

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations



### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

14.1. UN number Not Applicable

14.2. UN proper shipping name Not Regulated

14.3. Transport hazard class(es) Not Applicable

14.4. Packing group Not Applicable

14.5. Environmental hazards

IMDG Marine Pollutant: No;

14.6. Special precautions for user

No further information

## 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### EU Legislation

REGULATION (EU) 2015/830 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### National Legislation

None noted.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

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