

Safety Data Sheet



TAI COUNTY CHEMICAL CO., LTD

台邦科技化學股份有限公司


Safety Data Sheet



I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product Identifier: SAS-60
Synonyms: -----
Suggestive Use: Industrial/Detergent or its raw materials
Supplier's Details: Tai County Chemical Co., Ltd.
Address: No. 91 Museum Rd., Bali Dist., New Taipei City 24947, Taiwan
Telephone Number/ Fax Number: 886-2-2610-4457/ 886-2-2610-1363
Company Website: http://www.taicounty.com.tw
Company E-mail: service@taicounty.com.tw
Emergency Phone Number: 886-2-2610-4457 Fax Number: 886-2-2610-1363

II. HAZARDS IDENTIFICATION:

1. Hazard Class:	
Hazard Classification	Hazard Categories
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Long-term (chronic) aquatic hazard	Category 3
Short-term (acute) aquatic hazard	Category 2
2. Contents of Symbols:	
	
Symbols:	
Signal Words: Danger	
3. Hazard Statements:	
Physical hazards(200~290)	
-	-
Health hazards(300~373)	

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H315	Causes skin irritation
H318	Causes serious eye damage
Environmental hazards(400~433)	
H401	Toxic to aquatic life
H402	Harmful to aquatic life with long lasting effects
4. Precautionary statements	
General precautionary statements(101~103)	
-	-
Prevention precautionary statements(201~285)	
P264	Wash skin thoroughly after handling
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
Response precautionary statements(301~391)	
P302+P352	IF ON SKIN: Wash with plenty of water/soap
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
P310	Immediately call a POISON CENTER/doctor
P332+P313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
Storage precautionary statements(401~422)	
-	-
Disposal precautionary statements(501~502)	
P501	Dispose of contents/ container to an approved incineration plant

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5. Other Hazards:-----

III. COMPOSITION, INFORMATION ON INGREDIENT:

Mixtures:

Chemical Properties:

Hazardous Substance English and Chinese Name	CAS NO:	Concentration (%)
Sulfonic acids, C13-17-sec-alkane, sodium salts	78330-20-8	60%
Water	7732-18-5	40%

IV. FIRST AID MEASURE:

Emergency Procedures:

- **Inhalation:** If inhaled, move personnel to fresh air. Get medical attention if symptoms occur.
- **Skin Contact:** Avoid contact with skin without protective gloves. Wipe off excess material with cloth or paper. Wash off with plenty of warm water immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice in case of continuous irritation.
- **Eye Contact:** Wipe off excess material with cloth or paper and rinse eyes thoroughly with warm water for 20-30 minutes. While rinsing, avoid letting the contaminated water from getting into the eyes. Seek medical advice in case of continuous irritation.
- **Ingestion:** If conscious, give several small portions of water to drink. Do not induce vomiting. Seeking medical advice immediately.

Critical Symptoms and Effects of Hazards:

1. Irritant effects
2. Corrosive Effects
3. Causes skin irritation
4. Causes serious eye damage.

Protection of First Aider: -----

Notes to Physician: -----

V. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: Dry powder, Alcohol-resistant foam, Water spray jet, carbon dioxide(CO₂).

Specific Hazards: -----

Special Fire Fighting Procedures: -----

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Specific Firefighting Equipment: A self-contained respirator and protective clothing should be worn.

VI. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Wear proper protective equipment.

Environmental Precautions: Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water.

Methods for Cleaning Up:

1. Dike spillage. Pump off product. For residues: Pick up with suitable absorbent material.
2. Dispose of absorbed material in accordance with regulations.

VII. HANDLING AND STORAGE:

Handling: Ensure adequate ventilation Protection against fire and explosion.

Storage: Keep container tightly closed and store in a cool, well ventilated place. Ensure adequate ventilation Protection against fire and explosion.

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Engineering Control: Well ventilation equipment or environment.

Control Parameters:

HAZARDOUS MATERIAL	TWA	STEL	CEILING	BEIS
-	-	-	-	-

Personal Protection Equipment:

1. **Respiratory Protection:** Protection equipment.
2. **Hand Protection:** Nitrile rubber protective gloves.
3. **Eye Protection:** Tight fitting protective goggles.
4. **Skin and Body Protection:** Skin should be washed after contact.

IX. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Yellowish	Physical State	Paste
Odor	Slight	Odor Threshold Value	No data available.
pH value(5%)	6.0~8.0	Melting Point	No data available.
Boiling Point	>100°C	Flash Point Test Method:	No data available

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Evaporation (25°C)	No data available	Inflammability	No data available
Explosion Limits	-----	Vapour Pressure	Corresp. to vapour pressure of water
Vapor Density	No data available	Density	approx. 1.08 g/cm ³ (30 °C) Method: DIN 51757
Ignition Temperature	No data available.	Solubility	approx. 500 g/l soluble (25 °C, Water)
Decomposition Temperature	> 250°C	Octanol /H₂O Coeff.(log K_{ow}):	No data available.

The above information is for your reference. For more information, please contact Tai County.

X. STABILITY AND REACTIVITY:

Stability: If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Possible Hazardous Reactions: -----

Conditions to Avoid: Under the high-temperature condition.

Materials to Avoid: -----

Hazardous Decomposition Products: -----

XI. TOXICOLOGICAL INFORMATION:

Routes of Exposure: skin, eye, inhalation, ingestion.

Main Symptoms:

1. **Inhalation:** Slight irritation.
2. **Skin Contact:** Ingestion hazard in normal use.
3. **Eye Contact:** Direct contact may cause irritation.
4. **Ingestion:** Ingestion hazard in normal use.

1. Acute Toxicity

Acute oral toxicity: LD₅₀ (Rat): > 2,000 mg/kg Method: OECD Test Guideline 401

Acute dermal toxicity: LD₅₀ (Mouse): > 2,000 mg/kg

2. Skin corrosion/irritation

Species: Rabbit, Method: OECD Test Guideline 404, Result: irritating

3. Serious eye damage/eye irritation

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Species: Rabbit, Method: OECD Test Guideline 405, Result: Risk of serious damage to eyes., Remarks: The toxicological data has been taken from products of similar composition.

4. Respiratory or skin sensitization

Species: Guinea pig, Method: OECD 406 * 1981 Guinea pig maximisation test, Result: non-sensitizing

5. Germ cell mutagenicity - Assessment

It is concluded that the product is not mutagenic based on evaluation of several mutagenicity tests.

6. Carcinogenicity – Assessment

No evidence of carcinogenicity in animal studies.

7. Reproductive toxicity – Assessment

No indications of toxic effects were observed in reproduction studies in animals. No reproductive toxicity to be expected.

8. STOT - single exposure

No data available

9. STOT - repeated exposure

No data available

10. Repeated dose toxicity

Species: Rats (Male/Female), Method: Chronic oral toxicity, Application Route: oral (feed), NOAEL: 200 mg/kg,

11. Aspiration toxicity

No data available

XII. ECOLOGICAL INFORMATION:

Ecotoxicity:

Toxicity Information:

1. Toxicity to fish

LC50 (Danio rerio (zebra fish)): > 1 - 10 mg/l

Exposure time: 96 h

Test Type: static test

Method: OECD Test Guideline 203

GLP: no

2. Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 9.81 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

GLP: yes

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Remarks: The values mentioned are those of the active ingredient.

3. Toxicity to algae/aquatic plants

EC50 (Desmodesmus subspicatus (green algae)): > 61 mg/l

End point: Growth rate

Exposure time: 72 h

Analytical monitoring: yes

Method: OECD Test Guideline 201

GLP: yes

Remarks: The values mentioned are those of the active ingredient.

4. Toxicity to microorganisms

NOEC (Pseudomonas putida): 600 mg/l

End point: Bacteria toxicity (growth inhibition) Exposure time: 16 h

Test Type: aquatic

Method: DIN 38412 T.8

GLP: no

Remarks: The values mentioned are those of the active ingredient.

5. Toxicity to soil dwelling organisms

NOEC (Eisenia fetida (earthworms)): 470 mg/kg

Exposure time: 56 d

End point: Reproduction

Method: OECD Test Guideline 222 GLP: yes

Persistence/Degradability:

1. **Biodegradability:** Not applicable

2. **Chemical Oxygen Demand (COD):** 1,510 mg/g

3. **Dissolved organic carbon (DOC):** 22 mg/g

Bioaccumulation/Accumulation:

Due to the low logPow bioaccumulation is not expected

Mobility in Soil: No data available

Other Harmful Effect: -----

XIII. DISPOSAL CONSIDERATIONS:

Subject to Disposal Regulations: According to local regulations.

Methods of Package Disposal: According to local regulations.

XIV. TRANSPORT INFORMATION:

United Nations number (UN No) : Not regulated as a dangerous good

UN Proper shipping name: Not regulated as a dangerous good

Transport hazard class(es):

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ADR: Not regulated as a dangerous good

RID: Not regulated as a dangerous good

IMDG: Not regulated as a dangerous good

IATA: Not regulated as a dangerous good

Packing group: Not regulated as a dangerous good

Marine pollutant (Yes/No): No

Specific transport measures and precautionary conditions: Not regulated as a dangerous good

XV. REGULATORY INFORMATION:

Applicable Regulations:

1. Regulations for the Labeling and Hazard Communication of Hazardous Chemicals.
2. Occupational Safety and Health Act.
3. The Road Safety Rules.

XVI. OTHER INFORMATION:

Literature References:

Globally Harmonized System of Chemical Hazardous Substances Data

Organization that Prepared the SDS:

Tai County Chemical Co., Ltd.

Address of Organization that Prepared the SDS:

No. 91 Museum Rd., Bali Dist., New Taipei City 24947, Taiwan

Phone/Fax of Organization that Prepared the SDS:

886-2-2610-4457 / 886-2-2610-1363

Person who Prepared the SDS:

Jarvis

Creation Date:

2/19/2021

Product:

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