



蘇州天馬精細化學品股份有限公司
SUZHOU TIANMA SPECIALTY CHEMICALS CO.,LTD

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MSDS(Material Safety Data Sheet)

Product Number: TM-Paper-01

Original date of issue:12th.Mar,2009 ; Revise date of issue:06th.Jul,2015

1. Chemical product and company name

Manufacturer/supplier SUZHOU TIANMA SPECIALTY CHEMICALS CO., LTD. Head Office: 199 East Hua Yuan Rd,Mudu Suzhou, China Plant Location: Xikuatang, Mudu,Suzhou, China Tel: + 86-512-66319537 Fax: + 86-512-68090175 E-Mail: export@tianmapharma.com Web: www.tianmapharma.com	Product name Alkyl Ketene Dimer 1865
	Synonyms AKD 1865
	Intended use for the paper industry

2. Composition, information on ingredients

		Remark
CAS No.	84989-41-3	
Form	solid	
Appearance	pale yellow granular wax	
Assay	88% min	
Iodine value	43gI2/100g min	
Melting point	50 °C min	
Acid value	5.0 max	

3. Hazard identification

Hazard identification	None.
Summary	In view of the nature of the product and the manner in which it is stored, the most likely exposure routes are by skin and eyes.
Environmental classification	None known.

4. First aid measures

Inhalation	Remove patient to fresh air upon irritation or breathing difficulty.
Skin contact	Immediately wash with plenty of soap and water. Remove all contaminated clothing which should be laundered before reuse.
Eye contact	Immediately wash eye thoroughly with excess water. Seek medical attention if irritation persist.
Ingestion	Rinse mouth with water, if necessary seek medical attention. Do not induce vomiting.

5. Fire fighting measures

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Substance may react with water, and may release corrosive and/or toxic gases.

Extinguishing Media:

For small fires, use dry chemical, carbon dioxide, or water spray. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or spray. Cool containers with flooding quantities of water until well after fire is out.

6. Accident release measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

7. Handling & storage

Handling	Normal handling precautions applicable to industrial chemicals.
Storage	Store in a cool, dry place.
Materials to avoid	No information available.

8. Exposure controls & personal protection

Respiration	Not applicable under normal condition of use.
Skin contact	Rubber/PVC gloves and full working clothes recommended. Contaminated clothing should be laundered before re-use.
Materials to avoid	No information available.

9. Physical & chemical properties

Remark

<i>Appearance</i>	<i>pale yellow granular wax</i>
<i>Assay</i>	<i>88% min</i>
<i>Iodine value</i>	<i>43gI2/100g min</i>
<i>Melting point</i>	<i>50 °C min</i>
<i>Acid value</i>	<i>5.0 max</i>

10. Stability & reactivity

Hazardous decomposition	None
Hazardous reaction	None
Conditions to avoid	Frost may lead to container rupture and leakage.
Materials to avoid	None known

11. Toxicological information

Acute toxicity	No information
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Irritation data

Skin contact	No information
Eye contact	No information
Sensitization	No information
Long term effect	No information
Additional information	No information

12. Ecological information

Biodegradability	No information
BOD(5days):	Not known
BOD(20days):	Not known
COD:	Not known
Aquatic toxicity	No information
Other information	Concentrations high enough to affect pH will be harmful to fish.

13. Disposal considerations

Product disposal	May be disposed of by landfill or by incineration, subject to local authorization using licensed contractors.
Packing disposal	As for product

14. Transport information

Summary	Not classified as dangerous for transport.
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15. Regulatory information

EEC classification	Not classified as dangerous under Council Directive 88/379/EEC.
R-phrases	
S-phrases	

16. Additional information

It must be recognized that the physical and chemical properties of any product may not be fully

understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



Hazard

Hazard composition:None

Hazard warning message:None

Hazard Preventive measures:None

Manufacturer of Supplier:

(1)Name: Suzhou Tianma Specialty Chemicals CO.,LTD

(2)Address: 199 East Hua Yuan Rd,Mudu Suzhou, China

(3)Tel: + 86-512-66319537

※More detailed information, please refer to the material safety data sheet

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