

**Material Safety Data Sheet**

According to 91/155 EC

Printing date 6/30/2014

Revision date 6/22/2010

Version 2.01

1. Identification of substance• **Product details**• **Trade name: WETTER DK-88**• **Article number:**• **SD - No. AD-701-DK88V2**• **Manufacturer / Supplier:**

A&D (Asia Pacific) Company Limited  
Flat D, 13<sup>th</sup> Floor, Hung Cheung Industrial Center (Phase 2),  
10 Tsing Yeung Circuit, Tuen Mun, New Territories,  
Hong Kong      Tel: (852) 2786 4091      Fax: (852) 2786 4427

• **Informing department: Quality Management Division**• **Emergency information: 2786 4091**2. Composition / Data on components:

• Chemical characterization

• Description:

Mixture of the substances listed below harmless additions.

• Dangerous components:

CAS No.	Designation	%	Index	R-phrases
151-21-3	Sodium dodecyl sulfate	3 - 8	Xn	20/34/35/36

3. Hazards identification• **Hazard designation**      Void• **Information pertaining to**      Void  
**particular dangers for man and****environment**• **Classification system**      The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.4. First aid measures

- **General information**      No special measures required
- **After inhalation**      Supply fresh air; consult doctor in case of symptoms
- **After skin contact.**      May cause transient irritation
- **After eye contact**      Rinse opened eye for several minutes under running water.
- **After swallowing**      In case of persistent symptoms consult doctor.

5. Fire fighting measures

- **Suitable extinguishing agents**      CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet.
- **Protective equipment**      No special measures required.  
For dust: Filter DN 3181 A 2



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6. <u>Accidental release measures</u>											
• <b>Person-related safety precautions</b>	Not required										
• <b>Measures for environmental protection</b>	Dilute with much water										
• <b>Measures for cleaning / collecting</b>	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) Adsorb with liquid-binding material and dispose at a waste depot or incineration plant, which is especially equipped to handle hazardous waste.										
• <b>Additional information</b>	No dangerous materials are released.										
7. <u>Handling and storage</u>											
• <b>Handling</b>											
• <b>Information for safe handlings</b>	No special measures required. Keep containers tightly sealed.										
• <b>Information about protection against explosions and fires</b>	No special measures required.										
• <b>Storage</b>											
• <b>Requirements to be met by store rooms and containers</b>	No special requirements.										
• <b>Information about storage in one common storage facility</b>	Store away from foodstuffs.										
• <b>Further information about storage conditions</b>	None.										
• <b>Storage class</b>											
• <b>Class according to regulation on inflammable liquids</b>	Void.										
8. <u>Exposure controls and personal protection</u>											
• <b>Additional information about design of technical systems</b>	No further data; see item 7.										
• <b>Components with critical values that require monitoring at the workplace:</b>											
	<table border="1"> <thead> <tr> <th>CAS NO.</th> <th>Designation of material</th> <th>Type</th> <th>Value</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td colspan="5">The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.</td> </tr> </tbody> </table>	CAS NO.	Designation of material	Type	Value	Unit	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.				
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The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.											
• <b>Additional information</b>	The lists that were valid during the compilation were used as basis.										
• <b>Personal protect equipment</b>											
• <b>General protective and hygienic measures</b>	The usual precautions measures should adhered to in handling the chemicals.										
• <b>Breathing equipment</b>	Not required.										
• <b>Protection of hands</b>	Void.										
• <b>Eye protection</b>	Safety glasses recommended during refilling.										
9. <u>Physical and chemical properties:</u>											
• <b>Form</b>	Fluid										
• <b>Colour</b>	Light yellow to brown. According to product specification										



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• <b>Smell</b>	odorless		
	<u>Value / Range</u>	<u>Unit</u>	<u>Method</u>
• <b>Change in condition</b>	Not determined		
• <b>Melting point / Melting range</b>	Not determined		
• <b>Boiling point / Boiling range</b>	100 °C		
• <b>Flash point</b>	Not applicable		
• <b>Ignition temperature</b>	Not applicable		
• <b>Self-inflammability</b>	Product is not self-igniting		
• <b>Danger of explosion</b>	Product is not explosive		
• See item 7			
• <b>Steam pressure</b>	at 20 °C	23 mbar	
• <b>Density</b>	at 20 °C	1.04-1.09 g/cm <sup>3</sup>	
• <b>Solubility in / Miscibility with Water</b>	Fully miscible		
• <b>pH-value</b> (100 g/l) at 20 °C	4 - 7		
• <b>Solvent content</b>			
• <b>Organic solvents</b>	0.0 %		
• <b>Water</b>	1.0 mixable		
10. <u>Stability and reactivity</u>			
• <b>Thermal decomposition / conditions to be avoided</b>	No decomposition if used according to specifications.		
• <b>Dangerous reactions</b>	No dangerous reactions known.		
• <b>Dangerous products of composition</b>	No dangerous decomposition products known.		
11. <u>Toxicological information</u>			
• <b>Acute toxicity</b>			
• <b>LD/LC50 values that are relevant for classifications</b>			
Components	Type	Value	Species
Sodium dodecyl sulfate	Oral LD50	1,288 mg/kg	Rat
• <b>Primary irritant effect</b>			
• <b>On the skin</b>	No irritant effect		
• <b>On the eye</b>	No irritant effect		
• <b>Sensitization</b>	No sensitizing effect known		
• <b>Additional toxicological information</b>	The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.		



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- **General notes** Water hazard class 1 (Self-assessment):  
Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**13. Disposal considerations**

- **Product**
- **Recommendation** Smaller quantities can be disposed with household garbage.
- **Waste disposal key number** 59301
- **Uncleaned packagings**
- **Recommendation** Disposal must be made according to official regulations.
- **Recommended cleaning agent** Water, if necessary with cleaning agent.

**14. Transport information**

- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)
- ADR/RID-GGVS/E Class : -
- Number/Letter: -
- Kemler Number: -
- UN-number -
- Designation of goods: Non dangerous goods
- Maritime transport IMDG/GGVSea:
- IMDG/GGVSea Class : -
- Page: -
- UN Number: -
- Packaging group: -
- EMS Number -
- MFAG: -
- Correct technical name: Non Dangerous Goods
- Air transport ICAO-TI and IATA-DGR:
- ICAO/ITAT Class: -
- UN/ID Number: -
- Packaging group: -
- Correct technical name: Non Dangerous Goods

**15. Regulatory information**

- **Designation according to EC guidelines:** Observe the normal safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffv).



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- **National regulations**
- **Classification according to VbF:** Void.
- **Water hazard class:** Water hazard class 1 (Self-assessment) : slight hazardous for water.

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** QMS-TD-701-DK88V2
- **Contacts:** Albert Lee