

SAFETY DATA SHEET

1. PRODUCT NAME/COMPANY NAME

ECE 77 Standard test detergent ISO 105-C06

Company/undertaking identification: **DEK GmbH**
Zur Niedermühle 4
D-85435 Erding

2. COMPOSITION/INFORMATION IN INGREDIANTS

Lineare sodium alkylbenzenesulfonate	(8,0 ± 0,02) %
Ethoxylated tallow alcohol	(2,9 ± 0,02) %
Sodium soap	(3,5 ± 0,02) %
Sodium tripolyphosphate	(43,7 ± 0,02) %
Sodium silicate	(7,5 ± 0,02) %
Magnesium silicate	(1,9 ± 0,02) %
Carboxymethylcellulose (CMC)	(1,2 ± 0,02) %
Ethylendiamintetraacetic acid (EDTA), sodium salt	(0,2 ± 0,02) %
Sodium sulfate	(21,2 ± 0,02) %
Water	(9,9 ± 0,02) %
Total	100,0 %

3. HAZARDS IDENTIFICATION OF THE PRODUCT

Not relevant if used as directed

4. FIRST AID MEASURES

Product inhaled:	Not relevant
Product on the skin:	Wash the affected area with water and soap. take off contaminated clothing.
Product in the eye:	Immediately flush the eye with plenty of water and continue for 10 minutes. Seek medical attention.
Product ingested:	Wash out the mouth with water. Drink a plenty of water. Seek medical attention.

5. FIRE FIGHTING MEASURES

Applicable for fire fighting	all fire fighting media applicable
Not applicable for fire fighting	none known
Special exposure hazards arising from the product itself, from combustion products or from resulting gases	none known
personal precaution	no special requirements

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	avoid dust
Environmental precaution	don't allow bigger amounts to be released into sewer system.
Methods of cleaning up/of removing	remove dry, avoid dust.

7. HANDLING AND STORAGE

Handling	no special handling
Storage	Keep in accordance with Water-Pollution class (WPC) on a dry and clean place. Do not store together with food storage class: VCI-Class 11 rinse away rest with water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Information on the system design:	Not relevant
Components with specific control parameters:	None
Personal protection:	Pay attention to common safety and hygiene precautions necessary for handling chemicals. Avoid eye and skin contact. Wear gloves /glasses /work clothes. Clean hands and/or face when leaving workshop place.
Respiratory protection:	Wear dust mask If product dust is
Present. hand protection:	Wear gloves of: PVC, rubber.
Eye protection:	Wear glasses If product dust is present.
Body protection:	Wear work clothes. After contact of lothes with product take off polluted clothes and wash them out.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	powder
Colour	white
Odour	like soap
pH-value	10 - 10,4, Medium 10 g/l water (20 °C)
Bulk density	420 kg/m ³ DIN ISO 697

10. STABILITY AND REAKTIVITY

Conditions to avoid:	none known
Materials to avoid:	none known if used as directed
Hazardous decomposition products	none known

11. TOXIKOLOGICAL INFORMATION

No animal experimental data available. No negative effects known if used appropriately

12. ECOLOGICAL INFORMATION

	The following ecological data is estimated based on product ingredients and/or structural similar substances:
persistence and degradability	The mean of the surfactants included into the product are biodegradable about 90 % The sum of the organic components of the product reach a degradability of about 60 % BOD/COD respectively about 70 % DOC-reduction (limits for classification as "easily degradable/readily degradable": >=70 % DOC-reduction respectively >= 60 % BOD/COD within 28 days)
acute fish toxicity:	LC50 = > 10 - 100 mg prod./l (DIN 3841T15 or ISO 7346)
acute bacteria toxicity:	ECO > 100 mg Prod./l (O ₂ -consumption test Ps. putida according to OECD)

13 DISPOSAL CONSIDERATIONS

	The material should be disposed of by authorised landfill. Strict adherence must be made to all European, national and local laws and regulations.
waste key No (Germany)	59401

14 TRANSPORT INFORMATION

Not classified as hazardous under the U.N. Transport Recommendations.

15. RECOMMENDATIONS

Labelling according to EG- recommendations 67/548/EWG and changes	Not relevant
national recommendation	Water-Pollution class (WPC): 2

16 OTHER INFORMATION

None