

## SAFETY DATA SHEET

Preparation Date : 18.12.2020  
 Revision No./Date : 00 / -  
 Date of issue : 21.12.2020  
 Regulation on Preparation of Safety Data Sheets Regarding Hazardous Substances and Mixtures (Official Gazette No 13.12.2014-29204), 1907/2006 EC Reach was prepared in accordance with

### SUPRAWASH SW 85

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1 Product identifier

Product name : SUPRAWASH SW 85

**1.2** Relevant identified uses of the substance or mixture and uses advised against  
 Textile Finishing Industry, Enzyme

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

COMPANY : KAAAN ENDUSTRI MUH SAN VE TIC LTD STI  
 IDENTIFICATION : Ömerli Mah. Tunaboyu Sok. Elektro 2000 San. Sit.  
 A Blok No: 8 – 9, 34555, Hadımköy, İstanbul, Turkey  
 Telephone: +90 212 283 05 33  
 Fax: +90 212 283 87 48

##### 1.4 Emergency telephone number

Emergency Call Center / 112



National Poison Solidarity Center / 114



#### 2. HAZARDS IDENTIFICATION

**2.1** Classification of the substance or mixture (CLP / GHS) Regulation (EC) No. In accordance with 1272/2008;

Respiratory sensitisation 1

H334

**2.2** Label elements (CLP / GHS) Regulation (EC) No. In accordance with 1272/2008;

Hazard pictograms :



Signal word : Danger

Hazard statements	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
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Precautionary statements	P103	Read label before use.
	P261	Avoid breathing dust/fume/gas/mist/vapours/spray
	P285	In case of inadequate ventilation wear respiratory protection
	P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
	P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor
	P501	Dispose of contents/ container to an approved waste disposal plant

#### 2.3 Other hazards

No specific dangers known, if the regulations/notes for storage and handling are considered.

### 3.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Enzyme

Component	CAS No.	Conc. (%)	Classification	
Cellulase	9012-54-8	< 2	Resp. Sens. 1	H334

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures;

##### After Inhalation

Upon inhalation of aerosol / vapour /dust : Take the patient into the fresh air ; if there is difficulty in breathing, medical advice is required.



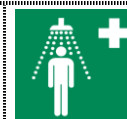
##### After Contact With Skin

Cleansing with plenty of water, soap or other non-irritating cleansing agents.



##### After Contact With Eyes

Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids help open. A doctor (or eyes specialist ) should be consulted immediately.



##### After Ingestion

If the product is swallowed, the patient must at once drink water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.





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**4.2** Most important symptoms and effects, both acute and delayed  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**4.3** Indication of any immediate medical attention and special treatment needed  
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Fire extinguishers

Suitable extinguishing media : Extinguish with alcohol-resistant foam, fire extinguishing powder or water spray  
Unsuitable extinguishing media : None known

**5.2** Special hazards arising from the substance or mixture  
None known

**5.3** Advice for firefighters  
Positive pressure self-contained closed circuit breathing apparatus (SCBA) and structural protective clothing of firefighting teams will provide adequate protection

## 6. ACCIDENTAL RELEASE MEASURES

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

- Use personal protective equipment.
- Avoid breathing vapors, mists or gases.
- Provide adequate ventilation.
- Avoid generation of dust and aerosols
- Avoid breathing dust or spray mist.

### 6.2 Environmental measures

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

**6.3** Methods and materials for containment and cleaning up  
Use appropriate personal protective equipment (PPE). Contain the spill in an inert substance and / or allow it to be absorbed and then place in a suitable container. Prevent runny material from entering drains, drains or

### 6.4 Reference to other sections

- See Section 8 for personal protective equipment.
- For waste disposal, see Section 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling;

- Use personal protective equipment.
- Avoid contact with eyes, skin and clothing.
- Avoid inhalation of vapor or dust.
- Wash hands thoroughly with water after handling.
- Keep away from ignition objects. Do not smoke.

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- Avoid generation of dust and aerosols.  
Avoid breathing dust or spray mist.  
Ensure adequate ventilation.
- Valid precautionary measures should be observed when working with chemicals.

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

- Avoid temperatures above 40 ° C.
- Keep container tightly closed in a dry and well-ventilated place.
- Protect from heat and sunlight.
- It should be stored in accordance with the storage matrix.

#### 7.3 Specific end use(s)

Other than the use described in section 1.2, no use is recommended.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

8.2.1 Appropriate engineering controls;  
 Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Wear the following personal protective equipment: Safety goggles. Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc). Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday. Transfer via enclosed lines. Formulate in enclosed or ventilated mixing vessels. Carefully handle the substance to minimise releases. Avoid generation of

#### 8.2.2 Personal protective equipment;



#### 8.2.3 Environmental exposure controls;

Other than the use described in section 1.2, no use is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Granules
Colour	White
Odour	Characteristic
pH	6.0 ± 1.0

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Freezing Point	No data available
Boiling Point	Not specified
Flash Point	No data available
Vapour Pressure	Not specified
Density	No data available
Viscosity	No data available
Solubility	Soluble in water
Partition coefficient (n-octanol/water)	No data available
Flammability	No data available
Autoignition Temperature	No data available
Oxidizing Properties	Not applicable

#### 9.2 Other informations

No data available.

## 10. STABILITY AND REACTIVITY

Reactivity	The product does not react in any way if it is stored correctly in its original packaging.
Chemical stability	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to instructions.
Conditions to avoid	When used according to specifications, there is no degradation.
Incompatible materials	Unknown
Hazardous decomposition products	No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity	LD50 Oral	> 2.000 mg/kg (Rat) (OECD Guideline 423)
	LD50 Skin	No information available
Skin irritation		Not irritating
Eye Damage		Not irritating
After Inhalation		No data available
Sensitisation		May cause sensitisation in susceptible persons. Repeated inhalation of enzyme containing aerosol (dust or mist) can cause a respiratory allergy in some individuals

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to Fish	LC50 > 330 mg/l (96 h)
Toxicity to Algae	LC50/72h/algae 1033 mg/L.
Toxicity to daphnia and other aquatic invertebrates	EC50/96saat/daphnia 1000 mg/l.



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#### 12.2 Persistence and degradability

The product is biodegradable in nature according to OECD criteria.

Elimination information: Readily biodegradable (>70% after 6 days)

#### 12.3 Bioaccumulative potential

No bioaccumulation potential.

#### 12.4 Mobility in soil

Soluble in water.

#### 12.5 Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

#### 12.6 Other adverse effects

None known.

## 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Product disposal

Product that cannot be re-used or chemically reprocessed. It should dispose of at an approved facility in accordance with applicable governmental laws and regulations.

##### Packaging disposal

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

## 14. TRANSPORT INFORMATION

ADR / RID, IATA / ICAO, IMDG / IMO	Not classified as a dangerous good under transport regulations
UN Number	Not applicable.
UN proper shipping name	Not regulated for transport
Transport hazard class(es)	Not applicable.
Packing group	Not applicable
Environmental hazards	Not considered environmentally hazardous based on available data.
Special precautions for user	Not applicable

## 15. REGULATORY INFORMATION

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

This document has been prepared in accordance with the "Regulation on Preparation of Safety Data Sheets for Harmful Substances and Mixtures (Official Journal no. 13.12.2014-29204) and EC Reach 1907/2006".

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.



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### 16. OTHER INFORMATION

#### Abbreviations

EC	European Community number
CAS	Chemical Abstracts Service
GHS	Globally Harmonized System
SDS	Safety Data Sheet
UN	United Nations
TWA	Time weighted average
STEL	Short Term Exposure Limit
PBT	Persistent, bioaccumulative, Toxic
vPvB	Very persistent, very bioaccumulative
BCF	Bioconcentration factor
ADR	European Agreement concerning international carriage of Dangerous goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
IATA	International Air Transport Association
LC50	Lethal Concentration to 50 % of a test population
LD50	Lethal Dose to 50% of a test population

Hazard statements	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
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Prepared ;

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This data is based on our current knowledge. It does not constitute a guarantee regarding the specific properties of the product and it is not a legally valid contract.