

# SAFETY DATA SHEET

## 1. Identification of the substance or mixture and of the supplier

**GHS Product identifier:** ELESTMASTER S-520

**Other means of identification**

**SDS number:** A0000306

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Not available.

**Recommended restrictions:** Not known.

**Supplier's details**

**Manufacturer**

**Company Name:** Kao Corporation  
**Address:** 1-3,Bunka 2-chome,Sumida-ku,Tokyo 131-8501 Japan  
**Telephone:** +81-3-5630-7700  
**Fax:** +81-3-5630-7889  
**Contact division:** Chemical Business  
**E-mail:** chemical@kao.co.jp

**Emergency telephone number:** +65-3158 1074(For chemical emergencies only)

## 2. Hazard(s) identification

**GHS classification of substance or mixture, and national or regional information:**

**Health Hazards**

Acute toxicity (Oral)	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Toxic to reproduction	Category 2

**Label Elements**

**Pictograms:**



**Signal Word:** Warning

**Hazard Statement:** Harmful if swallowed.  
 Causes skin irritation.  
 Causes serious eye irritation.  
 Suspected of damaging fertility or the unborn child.

**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear

protective gloves/protective clothing/eye protection/face protection.

**Response:** IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF exposed or concerned: Get medical advice/attention.

**Storage:** Store locked up.

**Disposal:** Passed to a licensed waste contractor.

**Other hazards which do not result in GHS classification:** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	Common name and synonyms	CAS number	Concentration*
**	Sulfonic acids, alkane, sodium salts,	**	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Trade secret information:** \*\* A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

**Inhalation:** Remove person to fresh air and keep comfortable for breathing.

**Skin Contact:** Gently wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before re-use. Take off contaminated clothing.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.

**Ingestion:** Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.

### 5. Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Water spray, powder

**Unsuitable extinguishing media:** No data available.

**Special hazards arising from the substance or mixture:** Produce irritating or toxic gases in a fire.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.

**Special protective equipment for fire-fighters:** Use goggles in combination with dust mask, and other protections as appropriate to situation. Risk of producing harmful gases such as carbon monoxide and sulfur oxides. Avoid inhalation of smoke or gases.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.

**Accidental release measures:** Keep away from sources of ignition and prepare extinguishing media.

**Methods and material for containment and cleaning up:** Sweep or vacuum spills to drums or containers.

**Environmental Precautions:** Do not discharge into the drains, surface waters or ground water directly.

**7. Handling and storage**

**Handling**

**Technical measures (e.g. Local and general ventilation):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

**Safe handling advice:** Keep away from source of ignition. Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required. Do not eat, drink or smoke when using the product.

**Contact avoidance measures:** No data available.

**Storage**

**Safe storage conditions:** Keep container tightly closed. Store in a well-ventilated place. Keep away from source of ignition.

**Safe packaging materials:** No data available.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

**Individual protection measures, such as personal protective equipment**

- Eye/face protection:** Safety glasses
- Hand Protection:** Rubber gloves
- Other:** Full-body suit
- Respiratory Protection:** Use as appropriate to situation.
- Hygiene measures:** No data available.

**9. Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance**

- Physical state:** Solid
- Form:** Columnner-like pellet
- Color:** Milky white
- Odor:** Odorless
- Odor Threshold:** No data available.
- Melting Point:** No data available.
- Boiling Point:** No data available.
- Flammability:** No data available.

**Upper/lower limit on flammability or explosive limits**

- Explosive limit - upper:** No data available.
- Explosive limit - lower:** No data available.
- Flash Point:** Not detected
- Self Ignition Temperature:** No data available.

**Decomposition Temperature:** No data available.

**pH:** Not applicable

**Viscosity**

- Dynamic viscosity:** No data available.
- Kinematic viscosity:** No data available.
- Flow Time:** No data available.

**Solubility(ies)**

- Solubility in Water:** Insoluble in water
- Solubility (other):** No data available.
- Partition coefficient (n-octanol/water):** No data available.
- Vapor pressure:** No data available.

**Relative density:** No data available.  
**Density:** No data available.  
**Relative vapor density:** No data available.

**Particle characteristics**

**Particle Size:** No data available.  
**Particle Size Distribution:** No data available.  
**Heat of combustion** >= 34 kJ/g

**10. Stability and reactivity**

**Reactivity:** No data available.  
**Chemical Stability:** Stable in general.  
**Possibility of hazardous reactions:** Has no self-reactivity.  
**Conditions to avoid:** No data available.  
**Incompatible Materials:** No data available.  
**Hazardous Decomposition Products:** No data available.

**11. Toxicological information**

**Acute toxicity (list all possible routes of exposure)**

**Oral**  
**Product:** ATEmix: 1,525.2 mg/kg

**Dermal**  
**Product:** Classification not possible due to insufficient data.

**Inhalation**  
**Product:** Dusts, mists and fumes: Classification not possible due to insufficient data.  
 Vapour: No data available.  
 Not classified based on available data of component(s).

**Skin Corrosion/Irritation**

**Product:** No data available.

**Components:**

Sulfonic acids, alkane, sodium salts      Category 2 (88)

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Components:**

Sulfonic acids, alkane, sodium salts      Category 2B (88)

**Respiratory or Skin Sensitization**

**Product:**      Skin: Classification not possible due to insufficient data.  
 Respiratory: Classification not possible due to insufficient data.

**Carcinogenicity**

**Product:**      Classification not possible due to insufficient data.

**Germ Cell Mutagenicity**

**In vitro**

**Product:**      Classification not possible due to insufficient data.

**In vivo**

**Product:**      Classification not possible due to insufficient data.

**Reproductive toxicity**

**Product:**      No data available.

**Components:**

Sulfonic acids, alkane, sodium salts      Category 2 (88)

**Specific Target Organ Toxicity - Single Exposure**

**Product:**      Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**      Classification not possible due to insufficient data.

**Aspiration Hazard**

**Product:**      No data available.

**Other effects:**      No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:**      No data available.

**Aquatic Invertebrates**

**Product:**      No data available.

**Toxicity to Aquatic Plants**

**Product:**      No data available.

**Chronic hazards to the aquatic environment:**

**Fish**  
**Product:** Classification not possible due to insufficient data.

**Aquatic Invertebrates**  
**Product:** Classification not possible due to insufficient data.

**Toxicity to Aquatic Plants**  
**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**  
**Product:** No data available.

**BOD/COD Ratio**  
**Product:** No data available.

**Bioaccumulative potential**  
**Bioconcentration Factor (BCF)**  
**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**  
**Product:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

**13. Disposal considerations**

**Disposal methods:** Review "HANDLING AND STORAGE (Section 7)". Passed to a licensed waste contractor. Incinerate with little portions. Risk of producing harmful gases such as carbon monoxide and sulfur oxides.

**Contaminated Packaging:** No data available.

**14. Transport information**

**IATA**  
 Not regulated.

**IMDG**  
 Not regulated.

**15. Regulatory information**

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

**Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations:** This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

**Fire Safety (Petroleum and Flammable Materials) Regulations**

Not applicable

**Inventory Status:**

US TSCA Inventory:	Not in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Australia AICS:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	Contact us for information
Japan (ENCS) List:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
REACH (EU):	Contact us for information
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

**16. Other information, including date of preparation or last revision**

**Issue Date:** 2021.10.06

**Version #:** 1.0

**Source of information:** No data available.

**Further Information:** No data available.

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**Reference:** (88): ECHA-REACH Registered Substances Database