

	Page: 1
<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

29 CFR 1910.1200 (OSHA HazCom 2012)

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Trade name : Styleze™ CSP  
 cationic polymer  
 ™ Trademark, Ashland or its subsidiaries, registered in  
 various countries

### Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Personal care

<b>Details of the supplier of the safety data sheet</b> Ashland P.O. Box 2219 Columbus, OH 43216 United States of America (USA) +1-905-336-6925  EHSProductSafety@ashland.com	<b>Emergency telephone number</b> 1-800-ASHLAND (1-800-274-5263)  <b>Regulatory information</b> 1-614-790-3333  <b>Product Information</b> +1-905-336-6925
--	---

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Combustible Dust :

### GHS label elements

Signal Word : Warning

Hazard Statements : May form combustible dust concentrations in air.

Precautionary Statements : **Prevention:**  
 Keep dust/air mixtures away from ignition sources.

### Other hazards

None known.



<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### **Hazardous components**

No hazardous ingredients

### SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.  
If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

In case of eye contact : Remove contact lenses.  
Protect unharmed eye.

If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:  
stomach or intestinal upset (nausea, vomiting, diarrhea)  
irritation (nose, throat, airways)

Notes to physician : No hazards which require special first aid measures.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Water spray  
Foam

Specific hazards during firefighting : Organic dusts at sufficient concentration can form explosive mixtures in air.  
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Sodium oxides



<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

Specific extinguishing methods :  
 Further information : Product is compatible with standard fire-fighting agents.  
 Special protective equipment for firefighters : Standard procedure for chemical fires.  
 : In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Avoid dust formation.  
 Avoid breathing dust.  
 Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions : Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.  
 Keep in suitable, closed containers for disposal.

Other information : Comply with all applicable federal, state, and local regulations.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid dust formation.  
 Smoking, eating and drinking should be prohibited in the application area.  
 For personal protection see section 8.

Conditions for safe storage : No smoking.

Materials to avoid : No materials to be especially mentioned.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Engineering measures** : Provide appropriate exhaust ventilation at places where dust is formed.  
 General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.



<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

### Personal protective equipment

Respiratory protection	:	In the case of dust or aerosol formation use respirator with an approved filter within the capabilities of the respirator/filter combination. Where concentrations are above recommended limits or are unknown, or a cartridge type respirator is not adequate, wear a positive-pressure supplied-air respirator.
Hand protection		
Material	:	butyl-rubber
Break through time	:	480 min
Glove thickness	:	> 0.5 mm
Remarks	:	The exact break through time can be obtained from the protective glove producer and this has to be observed. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Eye protection	:	Safety glasses
Skin and body protection	:	Wear resistant gloves (consult your safety equipment supplier). Wear as appropriate: Safety shoes
Hygiene measures	:	Avoid breathing dust.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder solid
Physical state	:	solid
Colour	:	white off-white
Odour	:	No information available.
Odour Threshold	:	No data available
pH	:	5 - 8 1% Aqueous solution
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined
Flash point	:	No data available
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	not determined
Upper explosion limit	:	Upper explosion limit not determined
Lower explosion limit	:	Lower explosion limit



<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

Vapour pressure	: not determined : Not applicable
Relative vapour density	: Not applicable
Relative density	: No data available
Density	: 0.85 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility	: not determined
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: not determined
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: >= 40 cps Method: Brookfield
Viscosity, kinematic	: Not applicable
Oxidizing properties	: Not applicable

---

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: Product will not undergo hazardous polymerization.
Conditions to avoid	: excessive heat Exposure to moisture Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	: Fluorine Strong oxidizing agents
Hazardous decomposition products	Carbon monoxide Carbon dioxide (CO <sub>2</sub> )

---

## SECTION 11. TOXICOLOGICAL INFORMATION



<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

Information on likely routes of exposure : Inhalation  
Skin contact  
Eye Contact  
Ingestion

**Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: Unlikely to cause eye irritation or injury., Product dust may be irritating to eyes, skin and respiratory system.

**Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information**

**Product:**

Remarks: No data available

**Carcinogenicity:**

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.



<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	SDS Number: 000000303592
	Version: 1.0

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Product:**

Ecotoxicology Assessment

Short-term (acute) aquatic hazard : Not classified based on available information.

Long-term (chronic) aquatic hazard : Not classified based on available information.

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

Additional ecological information : No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.

**SECTION 14. TRANSPORT INFORMATION**

**International transport regulations**

**REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.

**U.S. DOT - ROAD**

Not dangerous goods
---------------------

**CFR\_RAIL\_C**

Not dangerous goods
---------------------



<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

**U.S. DOT - INLAND WATERWAYS**

Not dangerous goods
---------------------

**TDG\_ROAD\_C**

Not dangerous goods
---------------------

**TDG\_RAIL\_C**

Not dangerous goods
---------------------

**TDG\_INWT\_C**

Not dangerous goods
---------------------

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods
---------------------

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods
---------------------

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods
---------------------

**MX\_DG**

Not dangerous goods
---------------------

**\*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine pollutant	no
------------------	----

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

**SECTION 15. REGULATORY INFORMATION**

**EPCRA - Emergency Planning and Community Right-to-Know Act  
CERCLA Reportable Quantity**

	Page: 9
<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Combustible Dust

**SARA 302** : This material does not contain any components with a section 302 EHS TPQ.

**SARA 313** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**The components of this product are reported in the following inventories:**

DSL : This product contains one or several components that are not on the Canadian DSL and have annual quantity limits.

AICS : Not in compliance with the inventory

ENCS : Personal care

KECI : Personal care

PICCS : Not in compliance with the inventory

IECSC : Low volume exemption

TCSI : Not in compliance with the inventory

TSCA : This product is regulated under the United States Food and Drug Act (FDA).

**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)  
 - On or in compliance with the active portion of the TSCA inventory

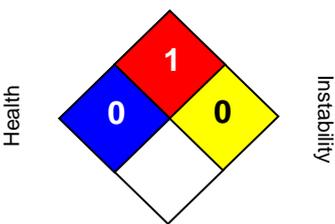
---

**SECTION 16. OTHER INFORMATION**

**Further information**

Revision Date: 04/03/2020

	Page: 10
<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

<p><b>NFPA:</b></p> <div style="text-align: center;"> <p>Flammability</p>  <p>Health</p> <p>Instability</p> <p>Special hazard</p> </div>	<p><b>HMIS III:</b></p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="background-color: blue; color: white;"><b>HEALTH</b></td> <td style="font-size: 1.5em;"><b>0/</b></td> </tr> <tr> <td style="background-color: red; color: white;"><b>FLAMMABILITY</b></td> <td style="font-size: 1.5em;"><b>1</b></td> </tr> <tr> <td style="background-color: yellow;"><b>PHYSICAL HAZARD</b></td> <td style="font-size: 1.5em;"><b>0</b></td> </tr> </table> <p>0 = not significant, 1 = Slight, 2 = Moderate, 3 = High 4 = Extreme, * = Chronic</p>	<b>HEALTH</b>	<b>0/</b>	<b>FLAMMABILITY</b>	<b>1</b>	<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>HEALTH</b>	<b>0/</b>						
<b>FLAMMABILITY</b>	<b>1</b>						
<b>PHYSICAL HAZARD</b>	<b>0</b>						

**NFPA Flammable and Combustible Liquids Classification**

Not applicable

**Full text of H-Statements**

Sources of key data used to compile the Safety Data Sheet  
 Ashland internal data including own and sponsored test reports  
 The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

**Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS -

	Page: 11
<b>SAFETY DATA SHEET</b>	Revision Date: 04/03/2020
	Print Date: 1/5/2021
	SDS Number: 000000303592
Styleze™ CSP cationic polymer ™ Trademark, Ashland or its subsidiaries, registered in various countries 951950	Version: 1.0

Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative