

**SAFETY DATA SHEET**

Revision Date: 02/22/2018

Print Date: 9/14/2018

SDS Number: R0718079

Version: 1.3

Vincience / Ederline™ S biofunctional  
™ Trademark, Ashland or its subsidiaries, registered  
in various countries  
827660

29 CFR 1910.1200 (OSHA HazCom 2012)

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION****Product identifier**

Trade name : Vincience / Ederline™ S  
biofunctional  
™ 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  
Cosmetics

**Details of the supplier of the safety data sheet**

Ashland  
P.O. Box 2219  
Columbus, OH 43216  
United States of America (USA)  
+1-614-790-3333

EHSProductSafety@ashland.com

**Emergency telephone number**

1-800-ASHLAND (1-800-274-5263)

**Regulatory Information Number**

1-800-325-3751

**Product Information**

+1-614-790-3333

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**GHS label elements**

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**



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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 : No symptoms known or expected.
- 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  
 Carbon dioxide (CO2)  
 Dry chemical
- Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.  
 Do not allow run-off from fire fighting to enter drains or water



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courses.

Hazardous combustion products : butadiene  
 carbon dioxide and carbon monoxide  
 Hydrocarbons

Specific extinguishing methods :

Product is compatible with standard fire-fighting agents.

Further information : Standard procedure for chemical fires.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : 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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
 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 : Smoking, eating and drinking should be prohibited in the application area.  
 For personal protection see section 8.

Materials to avoid : No materials to be especially mentioned.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters



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Contains no substances with occupational exposure limit values.

**Engineering measures** : 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.

### Personal protective equipment

**Eye protection** : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

**Skin and body protection** : Wear as appropriate:  
 Safety shoes  
 Wear resistant gloves (consult your safety equipment supplier).

**Hygiene measures** : General industrial hygiene practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** : liquid

**Colour** : amber

**Odour** : characteristic

**Odour Threshold** : No data available

**pH** : 5.5 - 6.5

**Melting point/freezing point** : -92 °F / -69 °C  
 Value for Component

**Boiling point/boiling range** : 572 °F / 300 °C  
 Value for Component

**Flash point** : 159 °C Value for Component

**Evaporation rate** : No data available

**Flammability (solid, gas)** : No data available

**Upper explosion limit** : No data available



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Lower explosion limit : No data available

Vapour pressure : 0.004 hPa (37.8 °C)  
 Value for Component

Relative vapour density : No data available

Relative density : No data available

Density : 0.85 - 0.90 g/cm3 (20 °C)

Solubility(ies)  
 Water solubility : insoluble

Solubility in other solvents : soluble  
 Solvent: oil

Partition coefficient: n-octanol/water : No data available

Thermal decomposition : No data available

Viscosity  
 Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

## 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.

Incompatible materials : Acetic anhydride  
 oxidizers  
 strong mineral acids  
 Strong oxidizing agents

Hazardous decomposition



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products

No hazardous decomposition products are known.

## SECTION 11. TOXICOLOGICAL INFORMATION

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.

### 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.

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**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.

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : 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 : No data available  
information**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.

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**MX\_DG**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER**

Not dangerous goods

**INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO**

Not dangerous goods

**INTERNATIONAL MARITIME DANGEROUS GOODS**

Not dangerous goods

**TDG\_INWT\_C**

Not dangerous goods

**TDG\_RAIL\_C**

Not dangerous goods

**TDG\_ROAD\_C**

Not dangerous goods

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

Not dangerous goods

**CFR\_RAIL\_C**

Not dangerous goods

**U.S. DOT - ROAD**

Not dangerous goods

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

Marine pollutant

no

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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**

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** : No SARA Hazards

**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.

**Pennsylvania Right To Know**

1-DECANOL, 2-HEXYL- 2425-77-6

BUTYLENE GLYCOL-1,3 107-88-0

**New Jersey Right To Know**

1-DECANOL, 2-HEXYL- 2425-77-6

BUTYLENE GLYCOL-1,3 107-88-0

Apple, Malus pumila, extract 89957-48-2

SOYBEAN OIL STEROLS 68555-08-8  
PHYTOSTEROLS

**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:**

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

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



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AICS : On the inventory, or in compliance with the inventory

ENCS : Personal care

KECI : Personal care

IECSC : Low volume exemption

PICCS : Not in compliance with the inventory

### 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)

## SECTION 16. OTHER INFORMATION

### Further information


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NFPA:	HMIS III:						
<p>Flammability</p> <p>Health</p> <p>Instability</p> <p>Special hazard.</p>	<table border="1"> <tr> <td><b>HEALTH</b></td><td><b>0</b></td></tr> <tr> <td><b>FLAMMABILITY</b></td><td><b>1</b></td></tr> <tr> <td><b>PHYSICAL HAZARD</b></td><td><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

Combustible Liquid Class IIIB

### Full text of H-Statements


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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 -  
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

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Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative