

**Product Name** Ateva®  
**MSDS number** 84010  
**Revision Number** 0.01

**Revision Date**  
**Issuing date**

NAGH/EN  
Jun.16.2015  
May.15.2018\*\*\*

## 1. Product and company identification

**Trade Name**

**Ateva®**

The following grades will be covered by this SDS:

**Product Grade(s):**  
3325A, 3325AC, 3325ACX, 3342AC, 9030\*\*\*

**Manufacturer, importer, supplier**  
**Celanese EVA Polymers**  
4405-101 Ave  
P.O. Box 428  
Edmonton, Alberta, Canada  
T5J 2K1  
Phone: 780 568-0800  
Internet: [www.Celanese.com](http://www.Celanese.com)

**Transportation emergency phone numbers:**  
In USA, call 800 424 9300  
Outside USA, call +001 703 527 3887, collect calls accepted.\*\*\*

**Identified uses**  
Plastic processing industry.

## 2. Hazard Identification

**GHS Classification**

**Hazards**  
Carcinogenicity

**Category**  
Category 2

**Label elements**



**Signal Word**

Warning

**Hazard Statements**

Suspected of causing cancer



**Product Name** Ateva®  
**MSDS number** 84010  
**Revision Number** 0.01

**Revision Date**  
**Issuing date**

NAGH/EN  
Jun.16.2015  
May.15.2018\*\*\*

### Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

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

IF exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents/ container to an approved waste disposal plant.

## 3. Composition/information on ingredients

Components	CAS-No	Percent %
E / VA-Copolymer	24937-78-8	> 99
Vinyl acetate	108-05-4	< 0.4

## 4. First aid measures

### Skin

Wash off immediately with soap and plenty of water. Cool skin rapidly with cold water after contact with molten polymer. Do not peel solidified product off the skin. Obtain medical attention.

### Eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### Inhalation

Move to fresh air. If symptoms persist, call a physician.

### Ingestion

Get medical attention if symptoms occur.

## 5. Fire-fighting measures

**NFPA:** Health: 1

**Flammability:** 0

**Instability:** 0

### Suitable extinguishing media

Water spray, Dry chemical, Carbon dioxide (CO<sub>2</sub>), Foam\*\*\*

### Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

### Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

### Other Information

Potential dust explosion hazard Keep people away from and upwind of fire.\*\*\*

## 6. Accidental release measures

Product Name Ateva®  
 MSDS number 84010  
 Revision Number 0.01

Revision Date  
 Issuing date

NAGH/EN  
 Jun.16.2015  
 May.15.2018\*\*\*

**Personal precautions**

Avoid dust formation. Avoid contact with the skin and the eyes. For personal protection see section 8\*\*\*

**Environmental precautions**

Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up**

Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations. Use mechanical handling equipment\*\*\*

**7. Handling and storage****Advice on safe handling**

Do not handle hot or molten material without appropriate protective equipment. Do not exceed recommended process temperatures to minimize release of decomposition products. Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated\*\*\*

**Protection - fire and explosion:**

Avoid dust formation. Dust can form an explosive mixture in air.

**Material storage**

Store locked up.. Keep in a dry, cool place.. To maintain product quality, do not store in heat or direct sunlight\*\*\*

**Incompatible products**

strong oxidizing agents

**8. Exposure controls / personal protection****OSHA Exposure Limits**

Components	STEL
Vinyl acetate	20 PPM

**ACGIH Exposure Limits**

Components	TWA
Vinyl acetate	10 PPM

Components	STEL
Vinyl acetate	15 PPM

**Mexico National Exposure Limits**

Components	LMPE - PPT	
Vinyl acetate	30 mg/m <sup>3</sup>	10 PPM

**Product Name** Ateva®  
**MSDS number** 84010  
**Revision Number** 0.01

**Revision Date** NAGH/EN  
**Issuing date** Jun.16.2015  
May.15.2018\*\*\*

Components	STEL	
Vinyl acetate	60 mg/m <sup>3</sup>	20 PPM

Components	Mexican Carcinogen Category
Vinyl acetate	A3

## Exposure controls

### Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### Protective equipment

A safety shower and eyebath should be readily available.

### General advice

Do not breathe dust. Avoid contact with skin and eyes. Do not handle hot or molten material without appropriate protective equipment..

### Skin protection:

When thermal or melt processing, wear long pants, long sleeves, well insulated gloves, and face shield when there is a chance of contact.\*\*\*

### Eye/face protection:

Safety glasses with side-shields\*\*\*

## 9. Physical and chemical properties

### Appearance

<b>Form</b>	Solid in various forms
<b>Color</b>	clear , to, white
<b>Odor</b>	Mild, acrid, vinegar-like
<b>Flash point</b>	Not applicable***
<b>Autoignition Temperature</b>	> 330 °C
<b>Method</b>	Estimated

<b>Decomposition Temperature</b>	> 300 °C
<b>Specific Gravity</b>	0.91 - 0.95
<b>Water solubility</b>	Insoluble in water

## 10. Stability and reactivity

### Reactivity

under normal conditions of handling, use and transportation.\*\*\*

**Product Name** Ateva®  
**MSDS number** 84010  
**Revision Number** 0.01

**Revision Date**  
**Issuing date**

NAGH/EN  
Jun.16.2015  
May.15.2018\*\*\*

**Conditions to avoid**

Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded. Avoid temperatures above 210°C

**Incompatible Materials**

strong oxidizing agents

**Hazardous Combustion or Decomposition Products:**

Carbon oxides

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

## **11. Toxicological information**

**Potential health effects****Routes of exposure**

Skin, Eyes

**Immediate effects****Skin**

Hot or molten material has the potential to cause thermal burns.

**Eyes**

Particulates may cause mechanical irritation.

**Inhalation**

Dust irritating to respiratory tract.

**Ingestion**

Essentially non-toxic based on components.

**Other:**

Product contains residual Vinyl Acetate, an IARC 2B possible human carcinogen based on animal data

**Vinyl acetate****Acute oral toxicity**

LD50: 3500 mg/kg

**Acute dermal toxicity**

LD50: 7440 mg/kg

**Acute inhalation toxicity**

LC50 (4h): 15810 mg/m<sup>3</sup>

**Method**

Standard Acute Method

**Skin corrosion/irritation**

Not irritating

**Species**

rabbit

**Method**

OECD 404

**Skin Sensitization**

nonsensitizer

**Species**

mouse female

**Method**

OECD 429

**Serious eye damage/eye irritation**

Not irritating

**Species**

rabbit eye

**Method**

OECD 405

Product Name Ateva®  
 MSDS number 84010  
 Revision Number 0.01

NAGH/EN

Revision Date  
 Issuing date

Jun.16.2015  
 May.15.2018\*\*\*

**Carcinogenic effects**

Species  
 Study

Has been shown to cause cancer in lifetime rat and mouse inhalation studies at the site of contact at non-physiologically relevant doses  
 rats and mice  
 104-week inhalation study  
 NOAEC: 176\*\*\* mg/m<sup>3</sup>

**Carcinogenic Effects**

Species  
 Study

Has been shown to cause cancer in lifetime rat and mouse drinking water studies at the site of contact at non-physiologically relevant doses  
 rats and mice

**in vitro Mutagenicity**

104-week oral gavage study  
 LOAEL: 31\*\*\* mg/kg bw/day

Ames Test: negative - with and without metabolic activation - Method: OECD 471 Chromosome aberrations in cultured human lymphocytes: positive - with and without metabolic activation - Method: OECD 473 Cytotoxicity and micronucleos assay in human lymphoblastoid cells (TK6): positive - Method: OECD 487

**in vivo Mutagenicity**

Mammalian Erythrocyte Micronucleus Test in mice: ambiguous - Method: OECD 474 Effects on sperm morphology and meiotic micronuclei in mice: negative

**Reproductive toxicity**

Routes of exposure  
 Species

No toxicity to reproduction  
 oral drinking water  
 rat

**Developmental effects**

Routes of exposure  
 Species

NOAEL= 1000 ppm  
 no adverse developmental effects  
 oral drinking water and Inhalation  
 rat

**Repeated exposure**

Routes of exposure  
 Species  
 Method

No adverse effects  
 oral gavage  
 rats and mice  
 OECD 408  
 NOAEL: 281 mg/kg bw/day  
 No adverse effects  
 Inhalation  
 rats and mice  
 OECD 453  
 NOAEC: 176 mg/m<sup>3</sup>

**Repeated Exposure**

Routes of exposure  
 Species  
 Method

Observe the usual hygienic measures for handling chemicals.

**12. Ecological Information**

Ecotoxicological data are not available. Do not discharge product unmonitored into the environment.

Product Name Ateva®  
MSDS number 84010  
Revision Number 0.01

Revision Date  
Issuing date

NAGH/EN  
Jun.16.2015  
May.15.2018\*\*\*

## 13. Disposal considerations

### Disposal considerations

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

## 14. Transport information

US Department of Transportation Not regulated

TDG Not regulated

ICAO/IATA Not restricted

IMDG Not regulated

## 15. Regulatory Information

### US State Regulations

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):

#### Vinyl acetate 108-05-4

Pennsylvania	Listed
New York	Listed
New Jersey	Listed
Illinois	Listed
Louisiana	Listed
Massachusetts	Listed
Rhode Island	Listed

### U.S. FEDERAL REGULATIONS

TSCA Inventory:  
Listed

Environmental Regulations:

#### SARA 313 Chemicals

Vinyl acetate (108-05-4) 0.4 %

# Safety Data Sheet



**Product Name** Ateva®  
**MSDS number** 84010  
**Revision Number** 0.01

**Revision Date**  
**Issuing date**

NAGH/EN  
Jun.16.2015  
May.15.2018\*\*\*

## Vinyl acetate 108-05-4

EPCRA Section 313 Listed  
CERCLA Hazardous Substance Listed  
Extremely Hazardous Substance Listed

## SARA 311:

**Acute health:** No  
**Chronic health:** Yes  
**Fire:** No  
**Sudden release of pressure:** No  
**Reactive:** No

## INTERNATIONAL REGULATIONS

### International Inventories

Listed on the chemical inventories of the following countries or qualifies for an exemption:

Australia (AICS)  
Canada (DSL)  
China (IECSC)  
Japan (ENCS)  
Japan (ISHL)  
Korea (KECI)  
New Zealand (NZIoC)  
Philippines (PICCS)  
Europe (EINECS)  
United States (TSCA)

## 16. Other information

NFPA: Health: 1 Flammability: 0 Instability: 0  
HMIS: Health: 1 Flammability: 0 Physical Hazard: 0

### Prepared By

Product Stewardship Department  
Celanese

### Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on Celanese owned data and public sources deemed valid or acceptable.. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available..

### Other Information:

Observe national and local legal requirements\*\*\*  
Changes against the previous version are marked by \*\*\*



**Product Name** Ateva®  
**MSDS number** 84010  
**Revision Number** 0.01

**Revision Date**  
**Issuing date**

NAGH/EN  
Jun.16.2015  
May.15.2018\*\*\*

**For industrial use only.** The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Celanese makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Material safety data sheets are provided on the Internet by Celanese as a service to its customers. Possession of an Internet MSDS does not indicate that the possessor of the MSDS was a purchaser or user of the subject product.

**Abbreviation and Acronym:**

ADR = Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS = Chemical Abstracts Service (division of the American Chemical Society)

CLP = Classification, Labelling and Packaging

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial Chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IMO)

ICAO = International Civil Aviation Organization

RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

R-Phrases = Risk Phrases

S-Phrases = Safety Phrases