

## Material Safety Data Sheet

Product code: JJCUSAABMSSPF45

Revision date: 08-21-2006

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

**Supplier:**

Johnson and Johnson Consumer Companies, Inc.  
199 Grandview Road  
Distributor  
Skillman, NJ  
08558-9418

**Customer service telephone:** 1-877-298-2525

**Emergency telephone number:** For 24-hour emergency assistance, call the 3E Company at 1 (877) 236-9871. Provide the technician with the following product tracking code: 2277.

**Product name:** AVEENO®CONTINUOUS PROTECTION SUNBLOCK SPRAY SPF45

**Product code:** JJCUSAABMSSPF45

**Formula #:** #1285-2

**Intended Use:** For external use only.

### 2. HAZARDS IDENTIFICATION

**Emergency overview:** Highly flammable. Harmful if swallowed. Irritating to the eyes, mucous membranes and upper respiratory tract.

This material is a controlled product under WHMIS.

**Properties affecting health:** Irritating to the eyes, mucous membranes and upper respiratory tract.

**Principle routes of exposure:**

**Eye Contact:** Irritating to eyes.  
**Skin contact:** No effects expected.  
**Ingestion:** Harmful if swallowed.  
**Inhalation:** May cause irritation to the upper respiratory tract.

**Physico-chemical properties:** Highly flammable.

**Hazard information:**

**Target organ effects:** CNS  
**Reproductive effects:** No effects expected.  
**Mutagenic effects:** No effects expected.  
**Sensitization:** Sensitization is not expected.

**Signs and symptoms:** Irritability

**Medical conditions aggravated by exposure:** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product formulation is flammable.

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Components	CAS Number	Weight %
Tocopheryl Acetate	7695-91-2	<1
BUTANE [1], ISOBUTANE [2]	75-28-5	30-40
ETHYL ALCOHOL (DENATURED)	64-17-5	>50

### 4. FIRST AID MEASURES

<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.
<b>Skin contact:</b>	If a person feels unwell or symptoms of skin irritation appear, consult a physician.
<b>Ingestion:</b>	If ingested, seek medical attention immediately and show the label.
<b>Inhalation:</b>	Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
<b>Protection of first-aiders:</b>	Wear suitable gloves and eye/face protection.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use dry chemical, CO <sub>2</sub> , water fog or alcohol foam.
<b>Extinguishing media which must not be used for safety reasons:</b>	None.
<b>Special protective equipment for firefighters:</b>	Wear a self-contained breathing apparatus and full protective gear.
<b>Specific methods:</b>	Aerosol product containers may rocket or explode in heat of fire.
<b>Hazardous combustion products:</b>	Carbon dioxide and carbon monoxide.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Remove all sources of heat, sparks, ignition and open flames. Ensure adequate ventilation.
<b>Environmental precautions:</b>	No special environmental precautions required.
<b>Methods for cleaning up:</b>	Wipe up with adsorbent material (e.g. cloth, fleece).

### 7. HANDLING AND STORAGE

<b>Handling:</b>	
<b>Technical measures/precautions:</b>	Keep container tightly closed and away from sources of ignition -No smoking.
<b>Safe handling advice:</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Storage:</b>	
<b>Technical measures/storage conditions:</b>	Keep away from heat, spark, and open flame.
<b>Incompatible products:</b>	Keep away from heat and sources of ignition

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION -

#### Exposure limits

Components	ACGIH (TWA - 8hr)	ACGIH (STEL)	ACGIH (Ceiling)	OSHA (TWA - 8hr)	OSHA (Ceiling)	OSHA (STEL)
BUTANE [1], ISOBUTANE [2] (30-40%) 75-28-5	1000 ppm					
ETHYL ALCOHOL (DENATURED) (>50%) 64-17-5	1000 ppm			1900 mg/m <sup>3</sup> 1000 ppm		

Components	J&J - OEL (TWA - 8 hr)	J&J - OEL (STEL)	J&J - OEL (Ceiling)	J&J - PBOEL	ASL
Tocopheryl Acetate (<1%) 7695-91-2	90 µg/m <sup>3</sup>			Category 2	

**Engineering controls:** Ensure adequate ventilation.

**Personal protective equipment**

**Eye protection:** Eye and face protection recommended when manufacturing product.  
**Hand protection:** Protective gloves recommended when manufacturing product.  
**Skin and body protection:** Wear suitable protective clothing. Wear suitable gloves and eye/face protection.  
**Respiratory protection:** None required.  
**Other/general protection:** None required.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**General Information**

**Physical state:** Liquid  
**Appearance:** Clear to slightly yellow Liquid  
**Color:** Clear to Light yellow  
**Odor:** Characteristic fragrance and slight odor of alcohol

**Important Health Safety and Environmental Information**

**Flash point:** 61 °F 16 °C                      **Flash point method:** closed cup  
**Specific gravity:** 0.8672-0.9026              **Water solubility:** Soluble

**Other information**

**Explosivity:** None.

**10. STABILITY AND REACTIVITY**

**Chemical stability:** Stable under recommended storage conditions.  
**Materials to avoid:** Combustible material  
**Conditions to avoid:** Extreme heat and sources of ignition  
**Hazardous polymerization:** Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity**

**Skin contact:** No effects expected when used as directed.  
**Eye contact:** Irritating to the eyes.  
**Ingestion:** Harmful if swallowed.  
**Inhalation:** May cause irritation to the upper respiratory tract.

**Subchronic toxicity**

No effects expected when used as directed.

**Chronic toxicity**

No effects expected when used as directed.

**Specific effects**

**Corrosive effects:** No effects expected.  
**Sensitization:** Sensitization is not expected.  
**Target organ effects:** CNS  
**Mutagenic effects:** No effects expected.  
**Reproductive effects:** No effects expected.  
**Developmental effects:** No developmental effects.

**Carcinogenic effects:** No carcinogenic effects expected.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Ecotoxicity effects:** No data is available on the product itself.  
**Aquatic toxicity effects:** No data is available on the product itself.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

**Contaminated packaging:** None.

## 14. TRANSPORT INFORMATION

### DOT

**DOT shipping name:** Consumer Commodity  
**Hazard class:** ORM-D

### IATA/ICAO

**ID/UN No.:** ID8000  
**Proper shipping name:** Consumer Commodity  
**Hazard class:** 9  
**IATA - label:** 9 (miscellaneous)  
**ERG #** ERG171

### IMO/IMDG

**UN/Id No.:** UN1950  
**Proper shipping name:** AEROSOLS, Limited Quantity  
**Hazard class:** 2  
**EMS No.:** F-D , S-U

### ADR/RID

**UN/Id No.:** UN1950  
**Proper shipping name:** AEROSOLS  
**ADR/RID-labels:** 2.1

### TDG (Canada)

**UN-No:** UN1950  
**Proper Shipping Name:** Aerosols, flammable  
**Hazard Class:** 2.1  
**Status:** This material is considered as dangerous goods, per Regulations of Transport Canada.

## 15. REGULATORY INFORMATION

Components	CAS Number	SARA 313	SARA 302	CERCLA	CEPA
BUTANE [1], ISOBUTANE [2] (30-40%)	75-28-5			Listed.	
ETHYL ALCOHOL (DENATURED) (>50%)	64-17-5			Listed.	

### SARA (311, 312) hazard class

**Immediate health:** None.  
**Delayed health:** None.  
**Fire:** None.

**Sudden Release of  
Pressure Hazard:**  
**Reactivity:**

None.  
None.

#### State Regulations

Components	CAS Number	NJRTK	PARTK	MARTK	RIRTK
BUTANE [1], ISOBUTANE [2] (30-40%)	75-28-5	Listed.	Listed.	Listed.	
ETHYL ALCOHOL (DENATURED) (>50%)	64-17-5	Listed.	Listed.	Listed.	Listed.

#### International Inventories

Components	TSCA	DSL	NDSL
Tocopheryl Acetate (<1%)	Listed.	Listed.	
BUTANE [1], ISOBUTANE [2] (30-40%)	Listed.	Listed.	Listed.
ETHYL ALCOHOL (DENATURED) (>50%)	Listed.	Listed.	

#### WHMIS:

**WHMIS trade secret:**  
**WHMIS hazard class:**

None.  
B2 Flammable Liquids



#### Notes:

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

#### 16. OTHER INFORMATION

**This data sheet contains changes from the previous version in section(s):**  
None.

#### MSDS format:

- North American Format - U.S. and Canada
- This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1-2004.

#### Disclaimer:

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**End of Safety Data Sheet**