



## Safety Data Sheet

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### Section 1: Identification

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#### 1.1 Product Identifier

Product Name : Body Glove Alcohol Wipe

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the substance/mixture : Cleaning

#### 1.3 Details of the Supplier of the Safety Data Sheet

Company : Fellowes, Inc.

Address : 1789 Norwood Avenue  
Itasca, IL 60143-1095  
USA

Telephone : 630.893.1600

Fax : 630.893.1648

Toll Free : 800.945.4545

Website : fellowes.com

Emergency phone number : 800.945.4545

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### SECTION 2: Hazard(s) Identification

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#### 2.1 Hazard Classification According to GHS

Hazard classification according to GHS The product meets the definition of “article”. In the Globally Harmonized Chemical Classification and Labeling System (GHS), the “articles” defined by the US Occupational Safety and Health Administration “Hazard Communication Standard” (29 CFR 1910.1200) or similar definitions do not fall within the scope of this system. [Rev. 8 (2019) Part 1.3.2.1.1].

#### 2.2 Label Elements

Hazard pictograms : None

Signal word : None

Hazard statement : None



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### SECTION 3: Composition / Information on Ingredients

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#### 3.1 Substance/Mixture

Component	CAS No.	EC No.	Concentration (wt, %)
Isopropyl alcohol	67-63-0	200-661-7	50
Water	7732-18-5	231-791-2	50

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### SECTION 4: First-Aid Measures

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#### 4.1 Description of First Aid Measures

- First-aid measures after inhalation : Remove the victim into fresh air. IF breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
- First-aid measures after skin contact : No harm in general situations. First aid is not needed.
- First-aid measures after eye contact : Immediately flush with plenty of water for 15 minutes. Consult a doctor/medical service.
- First-aid measures after ingestion : Seek medical attention immediately.

#### 4.2 Most Important Symptoms/Effects, Acute and Delayed

Please see section 11.

#### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.  
Symptoms may be delayed.

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### SECTION 5: Fire-Fighting Measures

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#### 5.1 Extinguishing Media

- Suitable extinguishing media : Small Fire: Dry chemical, sand, earth, water spray or regular foam; Large Fire: Water spray, fog, or regular foam.
- Unsuitable extinguishing media : Carbon dioxide, because it is basically ineffective against such fires.

#### 5.2 Special Hazards Arising from the Substance or Mixture

1. Will form explosive mixtures with air.
2. Detonation may occur from heavy impact or excessive heating.
3. Flammable solid which burns and propagates flame easily, even when partly wetted with water.
4. May burn fiercely.
5. Any source of ignition, i.e., friction, heat, spark, or flame, may cause fire or explosion.
6. Development of hazardous combustion gases or vapor possible in the event of fire.
7. May expand or decompose explosively when heated or involved in fire.



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### 5.3 Special Protective Equipment and Precautions for Fire-Fighters

1. As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2. Fight fire from a safe distance, with adequate cover.
3. Prevent fire extinguishing water from contaminating surface water or the ground water system.

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## SECTION 6: Accidental Release Measures

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### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

1. Ensure adequate ventilation. Remove all sources of ignition. Take Precautionary measures against static discharges.
2. Evacuate personnel to safe areas. Keep people away from upwind or spill/leak.
3. Use personal protective equipment. Avoid breathing mist or dust.

### 6.2 Environmental Precautions

1. Prevent further leakage or spillage if safe to do so.
2. Discharge into the environment must be avoided.

### 6.3 Methods and Materials for Containment and Cleaning Up

1. Adhered or collected material should be properly disposed of, in accordance with appropriate laws and regulations.
2. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
3. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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## SECTION 7: Handling and Storage

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### 7.1 Precautions for Safe Handling

1. To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
2. Use explosion proof equipment.
3. Handling is performed in a well-ventilated place.
4. Wear suitable protective equipment.
5. Avoid contact with skin and eyes.
6. Keep away from heat/sparks/open flame/hot surfaces.

### 7.2 Conditions for Safe Storage, Including any incompatibilities

1. Keep containers tightly closed.
2. Keep Containers in a dry, cool, and well-ventilated place.
3. Keep away from heat/spark/open flames/hot surfaces.
4. Store away from incompatible materials and foodstuff containers.
5. Storage temperatures should not be higher than 35 °C

## SECTION 8: Exposure Controls / Personal Protection

### 8.1 Control Parameters

Component	Country/Region	Limit value – eight hours		Limit value – Short term	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Isopropyl alcohol	USA-OSHA	400	980	-	-
	South Korea	200	480	400	980
	Ireland	200	-	400	-
	Germany (AGS)	200	500	400	1000
	Denmark	200	490	400	980
	Australia	400	983	500	1230

### 8.2 Biological Limit Values

No relevant regulations.

### 8.3 Monitoring Methods

1. EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2. GBZ/T 300.1~GBZ/T 300.160-2017; GBZ/T 300.161~GBZ/T 300.164-2018 Determination of toxic substances in workplace air (Series standard).

### 8.4 Engineering Controls

1. Ensure adequate ventilation, especially in confined areas.
2. Ensure that eyewash stations and safety showers are close to the workstation location.
3. Use explosion-proof electrical/ventilating/lighting/equipment.
4. Set up emergency exit and necessary risk-elimination area.
5. Handle in accordance with good industrial hygiene and safety practice.

### 8.5 Personal Protection Equipment

General requirements	: No special requirements, please see the description below.
Eye protection	: In general situations, eye protection is not needed. In the production process, when contacting with dust, tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US)).
Hand protection	: In general situation, hand protection is not needed.
Respiratory protection	: In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
Skin and body protection	: In general situation, skin and body protection are not needed.



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### SECTION 9: Physical and Chemical Properties

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#### 9.1 Information On Basic Physical and Chemical Properties

Physical state	: Liquid
Appearance	: Thin Liquid
Color	: Clear
Odor	: Slight odor
pH	: 6.3
Evaporation rate	: Not applicable
Melting point/freezing point (°C)	: No information available
Initial boiling point and boiling range (°C)	: No information available
Flash point (Closed cup, °C)	: 17 (liquid composition)
Flammability	: Flammable
Upper/lower explosive limits [% (v/v)]	: Upper limit: No information available; Lower limit: No information available
Vapor pressure	: Not applicable
Relative vapor density (Air = 1)	: Not applicable
Relative density (Water = 1)	: Not applicable
Solubility	: Soluble in water
n-octanol/water partition coefficient	: No information available
Auto-ignition temperature (°C)	: No information available
Decomposition temperature (°C)	: Stable under normal conditions
Kinematic viscosity	: Not applicable
Particle characteristics	: No information available



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### SECTION 10: Stability and Reactivity

Reactivity	: Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	: Stable under proper operation and storage conditions.
Possibility of hazardous reactions	: In contact with oxidants causes severe reactions and may cause a fire or explosion. In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen. Ultrafine powder will self-ignite in the air at room temperature.
Conditions to avoid	: Incompatible materials, heat, flame, and spark.
Incompatible materials	: Oxidants, alkali metals, alkaline earth metals and aluminum. Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide. Oxidants, halogen, interhalogen and mercury.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological Information

#### 11.1 Acute Toxicity

Component	LD50 (oral)	LD50 (dermal)	LC50 (inhalation, 4h)
Isopropyl alcohol	5045 mg/kg (Rat)	12800 mg/kg (Rabbit)	No information available

#### 11.2 Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Isopropyl alcohol	Category 3	Not Listed
Water	Not Listed	Not Listed

#### 11.3 Others

##### Isopropyl Alcohol Wipes

Skin corrosion/irritation	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.
Skin sensitization	: Based on available data, the classification criteria are not met.
Respiratory sensitization	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
STOT-single exposure	: Based on available data, the classification criteria are not met.
STOT-repeated exposure	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.



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Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Reproductive toxicity (additional) : Based on available data, the classification criteria are not met.

### SECTION 12: Ecological Information

#### Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Isopropyl alcohol	LC50: 9640 mg/L (96h)(Fish)	EC50: >1000 mg/L (48h)(Crustaceans)	ErC50: >1000 mg/L (72h)(Algae)

#### Chronic aquatic toxicity

Component	Fish	Crustaceans	Algae
Isopropyl alcohol	No information available	NOEC: >100 mg/L (Crustaceans)	NOEC: 1000 mg/L (Algae)

#### Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Water	Low	Low

#### Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Water	Low	Log Know=-1.38

#### Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Water	Low	14.3

#### Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [According to (EC) No 1907/2006]
Isopropyl alcohol	Not PBT/vPvB

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**SECTION 13: Disposal Considerations**

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**13.1 Disposal Considerations**

Waste chemicals	: Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	: Containers may still present chemical hazard when empty. Keep away from heat and ignition sources of fire. Return to supplier for recycling if possible.
Disposal recommendations	: Refer to section waste chemicals and contaminated packaging.

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**SECTION 14: Transport Information**

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**Label and Mark**

Transportation Label

**IMDG-CODE**

UN number	: 3175
UN proper shipping name	: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol)
Transport hazard class	: 4.1
Transport subsidiary hazard class	: None
Packing group	: II
Special provisions	: 216 274
Limited quantities	: 1Kg
Excepted quantities	: E2
Marine pollutant (Yes or No)	: No
EmS No.	: F-A, S-I

**IATA-DGR**

UN number	: 3175
UN proper shipping name	: SOLIDS CONTAINING FLAMMABLE LIQUIDS, N.O.S. (Isopropyl alcohol)
Transport hazard class	: 4.1
Transport subsidiary hazard class	: None
Packing group	: II
Excepted quantities	: E2





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Passenger and Cargo Aircraft Limited  
Quantity Packing Instructions : Y441

Passenger and Cargo Aircraft Limited  
Quantity maximum net Quantity per  
Package : 5 kg

Passenger and Cargo Aircraft packing  
Instructions : 445

Passenger and Cargo Aircraft maximum  
net Quantity per package : 15 kg

Cargo Aircraft Packing Instructions : 448

Cargo Aircraft Maximum net Quantity  
per Package : 50 kg

Special provisions : A46

ERG code : 3L

### UN-ADR

UN number : 3175

UN proper shipping name : SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol)

Transport hazard class : 4.1

Transport subsidiary hazard class : None

Packing group : II

Special provisions : 216|274|601

Limited quantities : 1 kg

Excepted quantities : E2

Packing instructions : P002|IBC06|R001

Special packing provisions : PP9

Mixed packing provisions : MP11

Portable tanks and bulk containers  
instructions : T3 BK1 BK2

Portable tanks and bulk containers  
special provisions : TP33

ADR tank code : -

ADR tank special provisions : -

Vehicle for tank carriage : AT

Transport category (Tunnel restriction  
code) : 2 (E)



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Special provisions for carriage (Packages)	: V11
Special provisions for carriage (Bulk)	: VC1 VC2 AP2
Special provisions for carriage (Loading, unloading, and handling)	: -
Special provisions for carriage (Operation)	: -
Hazard identification No.	40
Notes	: -

### SECTION 15: Regulatory Information

#### 15.1 International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
Isopropyl alcohol	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water	✓	✓	✓	✓	✓	✓	✓	✓	✓

[EINECS]	European Inventory of Existing Commercial Chemical Substances
[TSCA]	United States Toxic Substance Control Act Inventory
[DSL]	Canadian Domestic Substance List
[IECSC]	China Inventory of Existing Chemical Substances
[NZIoC]	New Zealand Inventory of Chemicals
[PICCS]	Philippines Inventory of Chemicals and Chemical Substances
[KECI]	Korea Existing Chemical Inventory
[AIIC]	Australia. Inventory of Industrial Chemicals (AIIC)
[ENCS]	Japan Inventory of Existing & New Chemical Substances

### SECTION 16: Other Information

#### Abbreviations and acronyms

CAS	Chemical Abstracts Service
PC-STEL	Short term exposure limit
PC-TWA	Time Weighted Average
MAC	Maximum Allowable Concentration
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
NOEC	No Observed Effect Concentration
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
ECx	Effective Concentration X%
Pow	Partition coefficient Octanol: Water
BCF	Bioconcentration factor
ED	Endocrine disruptor
UN	The United Nations



## Safety Data Sheet

OECD	Organization for Economic Co-operation and Development
IMDG	International Maritime Dangerous Goods
IARC	International Agency for Research on Cancer
ICAO	International Civil Aviation Organization
IATA	International Air Transportation Association
ACGIH	American Conference of Governmental Industrial Hygienists
NFPA	National Fire Protection Association
NTP	National Toxicology Program
PBT	Persistent, Bioaccumulative, Toxic
vPvB	Very Persistent, very Bioaccumulative
CMR	Carcinogens, mutagens, or substances toxic to reproduction
RPE	Respiratory Protective Equipment

### Further Information

The information contained in the Safety Data Sheet is believed to be correct and used as a guide.