

# Safety Data Sheet

## Glass & Ceramic Cooktop Cleaner

SDS Revision Date:

02/07/2020

### 1. Identification

#### 1.1. Product identifier

**Product Identity**

Frigidaire ReadyClean Glass & Ceramic Cooktop Cleaner

**Alternate Names**

Frigidaire ReadyClean Glass & Ceramic Cooktop Cleaner

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

**Intended use**

Cleaner

**Application Method**

Use only as directed.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name**

Manufactured by Innovasource, LLC  
Electrolux Home Products, Inc.  
10200 David Taylor Drive  
Charlotte, NC 28262

#### Emergency

**24 hour Emergency Telephone No.**

For chemical or medical emergency call: Info Trac  
1-800-535-5053

**Customer Service:** Innovasource, LLC

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Skin Irrit. 3;H316

Causes mild skin irritation. (Not adopted by US OSHA)

Eye Dam. 1;H318

Causes serious eye damage.

Skin Sens. 1;H317

May cause an allergic skin reaction.

#### 2.2. Label elements



**Danger**

H316 Causes mild skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

**[Prevention]:**

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P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P321 Specific treatment (see information on this label).

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P363 Wash contaminated clothing before reuse.

**[Storage]:**

No GHS storage statements

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Aluminum oxide CAS Number: 0001344-28-1	5 - 10	Not Classified	[1][2]
1,2-Propylene glycol CAS Number: 0000057-55-6	5 - 10	Not Classified	[1]
ES1 Surfactant CAS Number: Proprietary	1 - 5	Skin Irrit. 2;H315 Eye Dam. 1;H318	[1]
2-Propanol, 1-(2-butoxy-1-methylethoxy)- CAS Number: 0029911-28-2	1 - 5	Not Classified	[1]
Nepheline syenite CAS Number: 0037244-96-5	1 - 5	Combustible Dust	[1]
Anhydrous borax CAS Number: 0001330-43-4	0.10 - 1.0	Repr. 1B;H360FD (@ > 4.5@)	[1][2]
Borates, tetra, sodium salts, pentahydrate CAS Number: 0012179-04-3	0.10 - 1.0	Repr. 1B;H360FD (> 6.5%)	[1][2]
d-Limonene CAS Number: 0068647-72-3	0.10 - 1.0	Flam. Liq. 3;H226 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

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[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Overview</b>	No specific symptom data available. Treat symptomatically. See section 2 for further details.
<b>Eyes</b>	Causes serious eye damage.
<b>Skin</b>	May cause an allergic skin reaction. Causes mild skin irritation.

### Section 5. Fire-fighting measures

#### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Do not use: water jet.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.  
Avoid breathing dust / fume / gas / mist / vapors / spray.

#### 5.3. Advice for fire-fighters

None

ERG Guide No. ----

### Section 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

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### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

In case of spills, beware of slippery floors and surfaces. Flush with plenty of water to clean spillage area.

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

No special storage precautions noted. Store above freezing.

Incompatible materials: No data available.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## Section 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000057-55-6	1,2-Propylene glycol	OSHA	No Established Limit
		ACGIH	TWA(Aerosol): 10 mg/m3
		NIOSH	No Established Limit
0001330-43-4	Anhydrous borax	OSHA	TWA 100 ppm
		ACGIH	TWA: 2 mg/m3 STEL: 6 mg/m3
		NIOSH	TWA 1 mg/m3
0001344-28-1	Aluminum oxide	OSHA	TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp)
		ACGIH	No Established Limit
		NIOSH	no established RELs
0012179-04-3	Borates, tetra, sodium salts, pentahydrate	OSHA	No Established Limit
		ACGIH	TWA: 2 mg/m3 STEL: 6 mg/m3
		NIOSH	TWA 1 mg/m3
0029911-28-2	2-Propanol, 1-(2-butoxy-1-methylethoxy)-	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
0037244-96-5	Nepheline syenite	OSHA	No Established Limit

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		ACGIH	No Established Limit
		NIOSH	No Established Limit
0068647-72-3	d-Limonene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
Proprietary	ES1 Surfactant	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

### 8.2. Exposure controls

<b>Respiratory</b>	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
<b>Eyes</b>	Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
<b>Skin</b>	Protective gloves recommended.
<b>Engineering Controls</b>	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
<b>Other Work Practices</b>	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	White, opaque, slightly viscous Liquid
<b>Odor</b>	Light citrus
<b>Odor threshold</b>	Not determined
<b>pH</b>	8-9
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured

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<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	Not Measured
<b>Solubility in Water</b>	Not Measured
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	9000-12,000cps

**9.2. Other information**

No other relevant information.

### Section 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

No hazardous decomposition data available.

### Section 11. Toxicological information

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Aluminum oxide - (1344-28-1)	15,901.00, Rat - Category: NA	No data available	No data available	No data available	No data available
1,2-Propylene glycol - (57-55-6)	20,000.00, Rat - Category: NA	20,800.00, Rabbit - Category: NA	105.00, Rat - Category: NA	No data available	No data available
ES1 Surfactant - (Proprietary)	No data available	No data available	No data available	No data available	No data available

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2-Propanol, 1-(2-butoxy-1-methylethoxy)- - (29911-28-2)	4,000.00, Rat - Category: 5	2,000.00, Rat - Category: 4	No data available	No data available	No data available
Nepheline syenite - (37244-96-5)	No data available	No data available	No data available	No data available	No data available
Anhydrous borax - (1330-43-4)	No data available	No data available	No data available	No data available	No data available
Borates, tetra, sodium salts, pentahydrate - (12179-04-3)	No data available	No data available	No data available	No data available	No data available
d-Limonene - (68647-72-3)	No data available	No data available	No data available	No data available	No data available

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000057-55-6	1,2-Propylene glycol	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001330-43-4	Anhydrous borax	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001344-28-1	Aluminum oxide	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0012179-04-3	Borates, tetra, sodium salts, pentahydrate	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0029911-28-2	2-Propanol, 1-(2-butoxy-1-methylethoxy)-	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0037244-96-5	Nepheline syenite	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068647-72-3	d-Limonene	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	ES1 Surfactant	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable

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Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	3	Causes mild skin irritation. (Not adopted by US OSHA)
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Aluminum oxide - (1344-28-1)	6.17, Oncorhynchus mykiss	1.90, Ceriodaphnia dubia	0.43 (72 hr), Pseudokirchnerella subcapitata
1,2-Propylene glycol - (57-55-6)	40,613.00, Oncorhynchus mykiss	18,340.00, Ceriodaphnia dubia	19,000.00 (96 hr), Pseudokirchneriella subcapitata
ES1 Surfactant - (Proprietary)	Not Available	Not Available	Not Available
2-Propanol, 1-(2-butoxy-1-methylethoxy)- - (29911-28-2)	841.00, Poecilia reticulata	1,000.00, Daphnia magna	Not Available
Nepheline syenite - (37244-96-5)	Not Available	Not Available	Not Available
Anhydrous borax - (1330-43-4)	Not Available	Not Available	Not Available
Borates, tetra, sodium salts, pentahydrate - (12179-04-3)	74.00, Limanda limanda	242.00, Daphnia magna	Not Available
d-Limonene - (68647-72-3)	Not Available	Not Available	Not Available

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil



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No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## Section 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>14.6. Special precautions for user</b>	No further information		

## Section 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS 1988 Classification</b>	D2B E
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No

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**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** No

### **EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **EPCRA 313 Toxic Chemicals:**

Aluminum oxide

### **Proposition 65 - Carcinogens:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Developmental Toxins:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Female Repro Toxins:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### **Proposition 65 - Male Repro Toxins:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## Section 16. Other information

**SDS Revision Date** 04/04/2018

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H360FD May damage fertility. Suspected of damaging the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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