Material Safety Data Sheet



GREASE EXPRESS HIGH TEMP GRILL CLEANER

Section 1. Chemical product and company identification

Trade name	: GREASE EXPRESS HIGH TEMP GRILL CLEANER
Product use	: Grill Cleaner
Supplier	: Ecolab Inc. Institutional Division
	370 N. Wabasha Street
	St. Paul, MN 55102
	1-800-352-5326
Code	: 910312
Date of issue	23-December-2009
	EMERGENCY HEALTH INFORMATION: 1-800-328-0026 Outside United States and Canada CALL 1-651-222-5352 (in USA)
Section 2. H	lazards identification
Physical state	: Liquid. [Liquid.]
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Emergency overview	: CAUTION!
	MAY CAUSE EYE IRRITATION.
	Avoid contact with eyes. Wash thoroughly after handling.
Potential acute he	alth effects
Evec	 Slightly irritating to the eves

Eyes : Slightly irritating to the eyes.

- Skin : Slightly irritating to the skin.
- Inhalation : Slightly irritating to the respiratory system.
- **Ingestion** : No known significant effects or critical hazards.

See toxicological information (section 11)

Section 3. Composition/information on ingredients

Name	CAS number	<u>% by weight</u>
GLYCERIN	56-81-5	>50
POTASSIUM CARBONATE	584-08-7	5 - 20

Section 4. First aid measures

Eye contact	 In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.
Skin contact	: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	: If inhaled, remove to fresh air.
Ingestion	 Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

Section 5. Fire-fighting measures

	 > 100°C Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Fire-fighting media and instructions	: Use an extinguishing agent suitable for the surrounding fire.
	Dike area of fire to prevent runoff.

GREASE EXPRESS HIGH TEMP GRILL CLEANER

for fire-fighters

In a fire or if heated, a pressure increase will occur and the container may burst. **Special protective equipment** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions	: Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.
Environmental precautions	 Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods for cleaning up	: For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

Handling	: Avoid contact with eyes. Wash thoroughly after handling.
Storage	: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.
	Store between the following temperatures: 0 and 50°C

Section 8. Exposure controls/personal protection

: Good general ventilation should be sufficient to control worker exposure to airborne Engineering measures contaminants. Personal protection : Eyes : No protective equipment is needed under normal use conditions. Hands : No protective equipment is needed under normal use conditions. : No protective equipment is needed under normal use conditions. Skin Respiratory : A respirator is not needed under normal and intended conditions of product use. **Exposure limits** Name ACGIH TLV (United States, 1/2009). **GLYCERIN** TWA: 10 mg/m³ 8 hour(s). Form: Mist OSHA PEL (United States, 11/2006). TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Section 9. Physical and chemical properties

Physical state	Liquid. [Liquid.]
Color	Yellow. [Light]
Odor	Odorless.
рН	11.5 [Conc. (% w/w): 100%]
Relative density	1.251

Section 10. Stability and reactivity

Stability	:	The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Reactivity	:	Reactive or incompatible with the following materials: acids.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	:	Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11. Toxicological information

Potential acute health effects

Eyes: Slightly irritating to the eyes.Skin: Slightly irritating to the skin.Inhalation: Slightly irritating to the respiratory system.Ingestion: No known significant effects or critical hazards.

Potential chronic health effects

Other adverse effects

- Target organs
- : Contains material which may cause damage to the following organs: kidneys, upper respiratory tract.

Section 12. Ecological information

Ecotoxicity data

: Not reported

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

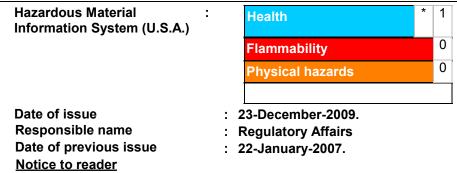
UN Classification Not regulated.

See shipping documents for specific transportation information.

Section 15. Regulatory information

<u>California Prop. 65</u> : No products were found.

Section 16. Other information



Section 16. Other information

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.