

# SAFETY DATA SHEET

## K9 OVEN & GRILL CLEANER CONCENTRATE

### Section 1. Identification of the Material and Supplier

**Product Name** : BRILLON PROFESSIONAL MR. MUSCLE K9  
OVEN & GRILL CLEANER CONCENTRATE

**Product Code** : K9\_V11.4.24

**Recommended Use** : High performance Oven & Grill Cleaner

**Supplier** : Brillon Consumer Products Pvt. Ltd.  
10<sup>th</sup> Floor, Tower 2  
AIPL Business Club,  
Golf Course Ext Road, Sec 62,  
Gurgaon ,Haryana

Factory Address :  
Shri Padhmam Industries- Unit-II, Shed No. 1,  
R.S. No. 48, Rohini Nagar,  
Thavalakuppam, Puducherry- 605 007, India

**Consumer Help Line** : Manager Consumer Affairs  
Ph: 011-41704999

**Product use** : Consumer

**Poison Centre Information:** National Poisons Information Centre, Dept. of Pharmacology,  
All India Institute of Medical Sciences, New Delhi.

### Section 2. Hazard(s) Identification

**Classification of the  
substance or mixture:**



*C Corrosive*

**Risk Phrases :****Hazards for man and environment****R 35, Causes severe burns****Section 3. Composition/Information on ingredients**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion (% w/w)</u>
Butyl Cellosolve	111-76-2	<8%
Sodium Hydroxide	1310-73-2	<5%
Linear Alkyl Benzene Sulfonic Acid 90%	68584-22-5	<6%
Lauryl Alcohol Ethoxylate	68439-50-9	<5%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**Section 4. First Aid Measures**

- Eye Contact :** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Seek medical advice.
- Skin Contact :** Flush with plenty of water and seek medical attention.
- Inhalation :** Remove from exposure. Obtain medical attention if symptoms develop.
- Ingestion :** If swallowed, rinse mouth and drink one or two glasses of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- Advice to Doctor:** Treat symptomatically.

**Section 5. Fire - Fighting Measures**

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** None known.

**Unusual hazards:** Corrosive material

**Specific methods:** No special methods required.

**Special protective equipment for fire fighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

## **Section 6. Accidental Release Measures**

**Personal precautions:** Put on appropriate personal protective equipment.

**Environmental precautions and clean-up methods:**

Use appropriate containment to avoid environmental contamination. Use neutralizing agent.

Absorb

spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

## **Section 7. Handling and Storage**

**Handling:**

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapours or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place.

KEEP OUT OF REACH OF CHILDREN.

## **Section 8. Exposure Controls/Personal Protection**

**General protective and hygienic measures :**

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing.

Wash hands during breaks and at the end of the work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.  
Use only in well-ventilated areas.

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.

**Hand protection:** Chemical-resistant gloves

**Skin and body protection:** Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory protection:** In case of insufficient ventilation can wear suitable respiratory equipment.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

**Exposure limits :**

Components with limit values that require monitoring at the workplace:	
<b>Sodium Hydroxide (&lt;5%) (1310-73-2)</b>	2 mg / m <sup>3</sup> OSHA TWA; 2 mg / m <sup>3</sup> OSHA ceiling; 2 mg / m <sup>3</sup> ACGIH ceiling; 2 mg / m <sup>3</sup> MEXICO peak
<b>Butyl Cellosolve (&lt;8%) (111-76-2)</b>	TWA: 20 (ppm) from ACGIH (TLV) [United States] SKIN TWA: 24 (mg/m <sup>3</sup> ) from NIOSH TWA: 5 (ppm) from NIOSH TWA: 240 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] TWA: 50 (ppm) from OSHA (PEL) [United States] Consult local authorities for acceptable exposure limits.

## Section 9. Physical and Chemical Properties

**Appearance** : Clear, thin liquid. Colour pale brown.

**pH** : 13 – 13.5

**Solubility** : Soluble

**Viscosity** : No information available

**Evaporation Rate** : No information available

**Vapour Density** : No information available

**Boiling Point** : Not determined

**Melting Point/Range** : Not determined

**Decomposition temperature:** Not determined

**Autoignition temperature** : No information available

**Flash Point** : Not determined

## Section 10. Stability and Reactivity

**Stability:** The product is stable

**Polymerization:** Hazardous polymerization does not occur

**Hazardous decomposition products:** None reasonably foreseeable.

**Materials to avoid:** Strong acids. Strong oxidising agents.

## Section 11. Toxicological Information

**Acute toxicity:** Oral LD50 estimated to be between 200 – 2000 mg/kg

### Information on toxicological effects of components

#### Acute Toxicity

Product/Ingredient name	Result	Species	Dose	Exposure
Butyl Cellosolve	LD50 Oral	Rat	470 mg/kg	-
Sodium Hydroxide (50% soln.)	LD50 Oral	Rat	220 mg/kg	-
Linear Alkyl Benzene Sulfonic Acid	LD50 Oral	Rat	2000 mg/kg	-
Lauryl Alcohol Ethoxylate, 7EO	LD50 Oral	Rat	2750 mg/kg	-

#### Primary irritant effect:

**Skin contact:** Causes burns.

**Eye contact:** Causes severe or permanent damage.

**Inhalation:** Severe irritant, may cause pulmonary oedema.

**Ingestion:** Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus

## **Section 12. Ecological Information**

Do not discharge into sewer or waterways.

Refer to data for ingredients, which follows:

### **Ecotoxicity (for Butyl Cellosolve)** :

#### **Acute toxicity to fish**

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

LC50, Oncorhynchus mykiss (rainbow trout), static test, 96 Hour, 1,474 mg/l, OECD Test Guideline 203

#### **Acute toxicity to aquatic invertebrates**

EC50, Daphnia magna (Water flea), static test, 48 Hour, 1,550 mg/l, OECD Test Guideline 202

#### **Acute toxicity to algae/aquatic plants**

EbC50, Pseudokirchneriella subcapitata (green algae), static test, 72 Hour, Biomass, 911 mg/l, OECD Test Guideline 201

#### **Toxicity to bacteria**

IC50, Bacteria, Growth inhibition, > 1,000 mg/l

#### **Chronic aquatic toxicity**

##### **Chronic toxicity to fish**

NOEC, Danio rerio (zebra fish), semi-static test, 21 d, > 100 mg/l Chronic toxicity to aquatic invertebrates NOEC, Daphnia magna (Water flea), semi-static test, 21 d, Other, 100 mg/l

### **Ecotoxicity (for Sodium Hydroxide)**:

This material has exhibited slight toxicity to terrestrial organisms and moderate toxicity to aquatic flora & fauna.

### **Ecotoxicity (for Linear Alkyl Benzene Sulfonic Acid)** :

The product should not get into water without treatment. Dissolved in water, the material is easily bio degradable (90 %) and will not cause any disturbance in waste water treatment plants

### **Ecotoxicity (for Lauryl Alcohol Ethoxylate, 9EO)** :

Toxic to aquatic life.

## Section 13. Disposal Considerations




### Waste from residues / unused products:

The product should not be allowed to enter drains, water courses or the soil.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Dispose of contents/container in accordance with local regulation.

## Section 14. Transport Information

Regulation	UN Number	Proper Shipping Name	Classes	*PG	Label	Additional Information
ADG	UN3266	Corrosive Liquid, Basic, Inorganic, N.O.S (Sodium Hydroxide)	8	III		<b>Hazchem -2x Special Provisions</b> – 223, 274
IMDG	UN3266	Corrosive Liquid, Basic, Inorganic, N.O.S (Sodium Hydroxide)	8	III		The marine pollutant mark is not required when transported in sizes of $\leq 5$ L or 5 kg <u>Emergency schedules (EMS) F-A, S-B</u> <b>Special Provisions</b> – 223, 274
IATA	UN3266	Corrosive Liquid, Basic, Inorganic, N.O.S (Sodium Hydroxide)	8	III		The environmentally hazardous substance mark may appear if required by other transportation regulations <b>Special Provisions</b> – A3, A803

## Section 15. Regulatory Information

### Symbol & Hazard indication of the product



*C Corrosive*

**Risk Phrases : R 35, Causes severe burns**

### Safety Phrases :

**S 23,** Do not breathe spray

**S 26,** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S28,** After contact with skin, wash immediately with plenty of water.

**S36/37/39,** Wear suitable protective clothing, gloves and eye/face protection.

**S45,** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**S51,** Use only in well-ventilated areas.

## Section 16. Other Information

### Notice to Reader

**To the best of our knowledge, the information contained herein is accurate.**

**Our known hazards are described herein, however, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the product is the sole responsibility of the user.**

**Please read all labels carefully before using product.**

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