

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: GrillMate™

Formula ID Number: GL77

Synonyms: ST-786

MSDS File Name: GRILLMATE

EPA Reg #: None

DOT Hazard Class: None

Company: Stearns Packaging Corporation  
4200 Sycamore Avenue (53714)  
PO Box 3216  
Madison, WI 53704-0216

DOT Shipping Name: Cleaning Compounds, NOI,  
liquid. Item 48580, Sub 3, Class 55

NSF Certified: N.A.

EPA/DfE Recognized: Yes

Phone: 800-655-5008

Fax: 608-246-5149

Website: www.stearnspkg.com

**Emergency Contact: CHEM-TEL, 800-255-3924**

Concentrate		In Dilution		HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
0	Flammability	N.A.		
1	Health	N.A.		
0	Reactivity	N.A.		
None	Special Hazard	N.A.		

Abbreviation Key: N.A.=Not Applicable,  
N.D.=Not Determined

## SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	%(Optional)
Glycerin	56-81-5	None	10 mg/m3	10 mg/m3	60-100
Water	7732-18-5	None			10-30
Potassium carbonate	584-08-7	Irritant			5-10
Sodium carbonate	497-19-8	Irritant			1-5

SARA Section 313 Title III Notification Required: No

## SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear, orange liquid, no scent	Solubility in Water: Yes, miscible Boiling Point: N.D. Freezing Point: < 0° F	Vapor Pressure (mm Hg): < 1.0 Vapor Density (Air=1): >1 Evaporation Rate (Water=0.3): N.D.	pH (Concentrate): 11.0 ± 0.5 pH (Use Dilution): N.A. Specific Gravity (Water=1): 1.300
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## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.D.

Flammable Limits LEL: N.D.  
UEL: N.D.

Extinguishing Media: Water spray, carbon dioxide, dry chemical, foam.  
Water stream can spread fire.

Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus, and protection for exposed areas of head.

Unusual Fire & Explosion Hazards: Violent steam generation or eruption may occur upon application of direct water stream.

## SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable:  Unstable: \_\_\_\_\_

Conditions to Avoid: Avoid excessive heat and open flames.

Incompatibility (Materials to Avoid): Avoid chlorine, fluorine, and other strong oxidizers such as bleach as well as strong acids.

Hazardous Polymerization: May Occur \_\_\_\_\_ Will Not Occur

Hazardous Combustion Products: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to: aldehydes, carbon monoxide, and carbon dioxide. Thermal decomposition releases corrosive fumes of Acrolein.

## SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Irritation of eyes, skin, throat, and gastrointestinal tissues if swallowed.

Signs and Symptoms of Exposure: Eyes: May cause minor transient eye irritation. Skin: A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Inhalation: Inhalation of mist may cause respiratory irritation.

Ingestion: Single dose oral toxicity is low. Amounts ingested incidental to industrial handling are not likely to cause injury, however, ingestion of larger amounts may cause injury. Signs and symptoms of excessive exposure may be central nervous system effects and increased blood sugar levels.

Medical Conditions Aggravated by Exposure: No data available

Carcinogenicity: IARC Monographs? Yes \_\_\_\_\_ No

NTP? Yes \_\_\_\_\_ No  OSHA Regulated? Yes \_\_\_\_\_ No

### Emergency and First Aid Procedures:

Eyes: In case of eye contact, immediately flush eyes with cool water for at least 15 minutes. Do not let victim rub eyes. Obtain emergency medical information if pain, blinking, tears, or redness persist.

Skin: Wash exposed area of skin with soap and water. If skin irritation or an allergic reaction occurs, get medical attention.

Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably by mouth-to-mouth. Get medical attention immediately.

Ingestion: For overexposure, call a physician or poison control center promptly.

**NOTE TO PHYSICIAN:** No specific antidote. Use supportive care. Treatment should be based on judgment of physician in response to the reactions of the patient.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Use in a well-ventilated area. Use with adequate dilution ventilation. Avoid breathing mist.

Skin Protection: Wear appropriate gloves when handling this material. Use neoprene, rubber, or other chemical resistant gloves. Wear appropriate clothing.

Eye Protection: Avoid eye contact. Wear safety glasses when possibility of eye contact exists.

Respiratory Protection: Avoid prolonged breathing of mist.

Other Precautions: Keep out of the reach of children. Keep container tightly closed.

Steps to be Taken if Material is Spilled or Released: Absorb spill with inert solids; sweep up and dispose of in accordance with federal, state, and local regulations.

Waste Disposal: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

Handling and Storage: Handling—no special requirements. Storage—store in a cool, well-ventilated area in sealed containers. Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

## SECTION 8 – OTHER REGULATORY INFORMATION

FOOD CONTACT STATUS: FDA—Glycerin, the primary ingredient of this product, is approved for use by the FDA under the following sections of 21 CFR: Part 182.1320 as Generally Recognized as Safe (GRAS) when used in accordance with the specifications of this subpart.

rev 9/03/13

This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Stearns Packaging Corporation makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.