

MATERIAL SAFETY DATA SHEET

PETROFERM INC.

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CHEMTREC 24-HOUR EMERGENCY RESPONSE

TOLL FREE NUMBER: (800) 424-9300

INTERNATIONAL CALLS: COLLECT (703) 527-3887

CHEMTREC should only be contacted in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

Date prepared 5/11/2007

1. PRODUCT NAME

CleanSafe™* 585

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Inhalation: Inhalation of mist may cause irritation of the respiratory tract.

Ingestion: Irritating to gastrointestinal tract, may become toxic and harmful to lungs if large quantities are ingested.

Skin: Irritating if splashed/sprayed onto skin.

Eyes: Irritating in direct contact with eyes.

Listed None

Carcinogens:

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Component	CAS Number	Weight %
Sodium Metasilicate	6834-92-0	1 - 3

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention.

Ingestion: Do not induce vomiting. Give 2 glasses of water. Seek medical attention.

Skin: Remove contaminated clothing. Thoroughly wash affected area with soap and water. Seek medical attention of irritation occurs

Eyes: Immediately flush eyes with water for 15 minutes. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, chemical foam, carbon dioxide. Class BC, ABC fire extinguisher. Water spray or fog.

Special Fire Fighting Procedures: Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosions Hazard: Exercise care when disposing of rags contaminated with this product. Use normal precautions appropriate for oily rags.

* CleanSafe is a trademark of Petroferm Inc.

6. ACCIDENTAL RELEASE MEASURES

Do not allow product to enter drains or waterways. Absorb small spills with inert material, then place in chemical waste container. For large spills, dike affected area to prevent spreading. Observe government regulations.

7. HANDLING AND STORAGE

Store in original container, preferably in a cool, dry area away from drains. Avoid overheating or freezing. Avoid open flames and sparks.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION**Exposure Guidelines**

OSHA PEL Not Established

ACGIH TLV Not Established

Engineering Controls/PPE

Respiratory: Use NIOSH/MSHA approved respirator if ventilation is not sufficient and if mists are generated.

Ventilation: General ventilation should be used to control vapors.

Clothing/Glove: Use only with adequate skin protection. Protect against potential splash hazards. Chemically resistant gloves must be used while handling this product.

Eye Protection: Use only with adequate eye protection. Provide goggles, safety glasses, or splash guard. Provide eye bath near work site.

9. PHYSICAL AND CHEMICAL DATA

pH	12.0
Boiling Point(760 mm Hg):	Not determined
% Volatile (By Weight):	Not determined
Specific Gravity (H₂O =1):	1.08 @ 77°F (25°C)
Vapor Pressure(20°C):	Not determined
Flash Point:	Not determined
Vapor Density (Air = 1):	Not determined
Evaporation Rate (BUAC = 1):	Not determined
Solubility in Water:	Soluble
Appearance and Odor:	Clear pale yellow liquid, mild odor
Flammable Limits	Not determined
(% By Volume in Air):	

10. STABILITY AND REACTIVITY

Stability:	This product is stable under recommended storage conditions.
Conditions to Avoid:	Elevated temperatures, sparks, and open flames.
Incompatibility:	Strong mineral acids and strong oxidizing agents.
Hazardous Decomposition Products:	None, other than normal products of combustion.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicity data is not available for this mixture.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity data is not available for this mixture.

13. DISPOSAL CONSIDERATIONS

Dispose of used material in compliance with all applicable government regulations.

14. TRANSPORT INFORMATION

US DOT

Not regulated for transportation of non-bulk containers

15. REGULATORY INFORMATION

TSCA- All components listed or exempt

SARA Section 311 and 312: no reportable materials

16. OTHER INFORMATION

NFPA Codes: Health: 2 Fire: 0 Reactivity: 0

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.